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Environmental Requirements and Pollution Tolerance of Common Freshwater Chironomidae

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Data on the environmental requirements and pollution tolerance of 230 taxa of freshwater chironomids were compiled from 33 references. This compilation was prepared to assist biologists in evaluating data from macroinvertebrate samples collected for the assessment of water quality. The following parameters were considered: developmental stage, pH, salinity, nutrients, degradable dissolved organics, oxygen, temperature, turbidity, current, general habitat, specific habitat, seasonal distribution.

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ENVIRONMENTAL REQUIREMENTS AND POLLUTION TOLERANCE OF COMMON FRESHWATER CHIRONOMIDAE

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FOREWORD

Environmental measurements are required to determine the quality of ambient water, the character of effluents, and the effects of pollutants on aquatic life. The Environmental Monitoring and Support Laboratory-Cincinnati conducts research to develop, evaluate, and promulgate methods to:

- Measure the presence and concentration of physical, chemical, and radiological pollutants in water, wastewater, bottom sediments, and solid waste.
- Concentrate, recover, and identify enteric viruses, bacteria, and other microorganisms in water.
- Measure the effects of pollution on freshwater, estuarine, and marine organisms, including the phytoplankton, zooplankton, periphyton, macrophyton, macroinvertebrates, and fish.
- Automate the measurement of the physical, chemical, and biological quality of water.
- Conduct an Agency-wide quality assurance program to assure standardization and quality control of systems for monitoring water and wastewater.

The effectiveness of measures taken to protect the biological integrity of the Nation's surface waters is dependent upon our knowledge of the environmental requirements and pollution tolerance of aquatic organisms and our understanding of the complex relationships that prevail in aquatic ecosystems. This study focuses on one of the most important groups of insects in aquatic ecosystems--the chironomids (commonly called midges or bloodworms). The chironomids are one of the most useful biological indicators of water quality because of the wide range in their environmental requirements and habitat preferences, and their abundance, diversity, cosmopolitan distribution, and distinct morphological differences. Also, they form a significant portion of food for many groups of organisms, especially fish.

This report is the second in a series of reports in preparation on the environmental requirements and pollution tolerance of aquatic organisms. Water quality profiles have been developed to serve as companions to the EPA biological methods manual and identification manuals to assist biologists in interpreting field data collected during studies of the effects of pollutants on indigenous communities of aquatic organisms.

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Environmental Monitoring and
Support Laboratory - Cincinnati

ABSTRACT

Data on the environmental requirements and pollution tolerance of 230 taxa of freshwater chironomids were compiled from 33 references. This compilation was prepared to assist biologists in evaluating data from macroinvertebrate samples collected for the assessment of water quality. The following parameters were considered: developmental stage, pH, salinity, nutrients, degradable dissolved organics, oxygen, temperature, turbidity, current, general habitat, specific habitat, seasonal distribution.

This report was submitted in fulfillment of Grant No. R-802754 by Florida A & M University under the sponsorship of the U. S. Environmental Protection Agency. Work was completed in November 1975.

CONTENTS

Foreword iii

Abstract iv

Acknowledgment vi

- I Recommendations 1
- II Introduction 2
- III Ecological parameters 4
- IV Data compilation 10
- V Chironomids included in this compilation 11
- VI Selected references for chironomid ecology profiles 21
- VII Ecological profiles for 230 taxa of freshwater Chironomidae 24

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SECTION I

RECOMMENDATIONS

This compilation should be used in conjunction with literature for chironomid identification to help assess water quality. As additional information becomes available about a chironomid species, it should be added to the summary sheet. It is hoped that this compilation will become more valuable to the user when used as an active resource.

SECTION II

INTRODUCTION

The objective of this project is to compile, standardize, and centralize data on the environmental requirements and pollution tolerance of the larval forms of the common species of chironomids. Many of these species are very widespread both ecologically and geographically, while others are very narrowly distributed in both regards.

During recent years, chironomids (Diptera:Chironomidae) have been used with increasing frequency to assess the condition of both inland and coastal waters. This group is particularly well-suited for this function for several reasons.

Many chironomid larvae can be identified to the species level relatively easily. Probably no other group of aquatic macroinvertebrates has had the intensity of study of the immature stages by as many people as have the chironomids.

Chironomids are among the most ubiquitous of aquatic invertebrates. They are found in a wide variety of aquatic habitats, including lakes, ponds, bogs, marshes, swamps, rivers, creeks, temporary pools, pitcher plants, bromeliads, tree-holes, and soil and leaf mold. Even man-made habitats such as sewage treatment plants, water treatment plants, fish pools, irrigation diteches, and bird baths have been exploited by chironomids. In this variety of aquatic habitats, chironomids occupy an even greater number of different microhabitats and are often dominant.

Finally, each chironomid taxon is thought to occupy a different niche in the aquatic ecoystem, responding individually to different chemical, physical, and biological parameters. Some species have broad tolerance ranges and are abundant in a wide variety of habitats and ecological conditions. Other species have very limited tolerance ranges and are restricted to specific habitats favorable to their existence. By careful analysis of a chironomid community and a knowledge of community members' ecological "preferences" and tolerances, especially in conjunction with the other macroinvertebrates, a great deal can be ascertained about the habitat and environment.

As various investigators have studied chironomid communities or macroinvertebrate communities, bits of information concerning the autecology of species have become available. This information is distributed throughout many journals and innumerable unpublished reports of various levels of governmental agencies.

In this form, the information is of limited use to those who would apply it. One difficulty of the present compilation has been to determine the reliability of identifications, especially to species, in reports, published or unpublished, available from a great variety of environmental agencies. In other words, it became necessary to determine who was responsible for identification or verification of the organisms in question. It speaks well for the quality of environmental work that many of these unpublished reports are among the finest sources of ecological data.

In the present report, by far the greatest source of information has been the writer's personal collections and records covering 28 years of aquatic environmental work. In addition, the writer has specimens and records from environmental agencies and universities for which he has done identifications.

SECTION III

ECOLOGICAL PARAMETERS

Chironomids are affected by many different parameters in the environment, and it is probably a combination of factors that limit their distribution. Several investigators have designated "spectral ranges" for individual chemical and physical parameters. Those selected here were recommended by the Aquatic Biology Section, Environmental Monitoring and Support Laboratory, U.S. Environmental Protection Agency, Cincinnati, for use with the macroinvertebrates.

DEFINITIONS

1. **STAGE**: Stage or stages to which source of data refer: eggs, larvae, pupae, or adults.

2. **pH**: Acidobiontic - occurring at pH below 7, preferring pH below 5.5.

   Acidophilous - occurring at pH around 7, but usually below 7.

   Neutral - best development around pH of 7.

   Alkaliphilous - occurring at a pH around 7, but usually above 7.

   Alkalibiontic - occurring at pH over 7, preferring pH over 8.5.

   Indifferent - common in both acidic and alkaline waters, not pH dependent.

3. **SALINITY**:

   Polyhalobous - occurring in salt concentrations of over 40,000 mg/l.

   Euhalobous - marine forms occurring in salt concentrations of 30,000 mg/l.

   Mesohalobous - brackish water forms occurring in salt concentrations of 500 to 30,000 mg/l.

   Oligohalobous - fresh water forms occurring in salt concentrations of less than 500 mg/l.

   Euryhalinous - occurring under a broad range of salt concentrations, often encompassing two or more spectra.

4. NUTRIENT:

Eutrophic - characteristic of water with high nutrient concentrations.

Mesotrophic - characteristic of water with moderate nutrient concentrations.

Oligotrophic - characteristics of water with low nutrient concentrations.

Dystrophic - characteristics of waters rich in humic materials.

5. DEGRADABLE DISSOLVED ORGANICS:

Saprophilic - occurring usually in polluted waters accompanied by brief periods of dissolved oxygen concentrations below 5.0 mg/l , pH changes of up to 2 units, and/or temperatures exceeding 25°C; but also present in limited numbers in clean water habitats.

Facultative - wide range of tolerance to organic pollution; common in both polluted and clean waters.

Saproxenous - characteristic of clean water habitats but also tolerant of organic enrichment if the dissolved oxygen concentration remains above 5.0 mg/l, and pH and water temperature are not adversely altered.

Saprophobic - restricted to waters that have not been exposed to pollutants.

6. OXYGEN:

Euoxyphilous - characteristic of water having high O_2 concentration (saturated).

Mesoxyphilous - characteristic of water having moderate O_2 concentration.

Oligoxyphilous - characteristic of water having low O_2 concentration.

Anoxyphilous - facultative anaerobic.

7. TEMPERATURE:

Euthermal - warm-water forms, usually occurring at temperatures greater than 30°C.

Mesothermal - temperate-water forms, usually occurring between 15° and 30°C.

Oligothermal - cold-water forms, usually occurring between 0° and 15°C.

Stenothermal - occurring over a temperature range of no greater than 5°C.

Metathermal - occurring over a temperature range of 5° to 15°C.

Eurythermal - occurring over a temperature range of 15°C or greater.

8. TURBIDITY:

Eulichotophilous - characteristic of low turbidities, clear water.

Mesolichtophilous - characteristic of waters, generally clear, occasionally clouded.

Polylichtophilous - occurring at wide range of turbidities.

Oligolichtophilous - characteristic of high turbidities, murky waters.

9. CURRENT:

Limnobiontic - characteristic only of standing waters.

Limnophilous - characteristic of standing water but may be found in running water.

Indifferent - common in both standing and flowing waters.

Rheophilous - characteristic of running water but may be found in standing water.

Rheobiontic - characteristic only of running water.

10. GENERAL HABITAT:

Marine - characteristic of oceans and seas.

Estuary - characteristic of estuaries and brackish water habitats.

Lake - characteristic of large inland bodies of standing water.

Pond - characteristic of small bodies of lentic water.

10. **GENERAL HABITAT:** (Cont'd)

River - characteristic of larger flowing waters.

Stream - characteristic of smaller flowing waters.

Spring - characteristic of springs and seepages.

Other - characteristic of intermittent streams and temporary pools and other aquatic habitats (when using this category specify type of habitat in notes).

11. **SPECIFIC HABITAT:**

Epibenthic - occurring on, but not penetrating, the substrate and submerged objects.

Embenthic - occurring in (penetrating) the substrate and submerged objects.

Epipelic - occurring on (or in) mud and silt.

Episabulic - occurring on (or in) sand.

Epilithic - occurring on (or under) rocks.

Epixylous - occurring on (or burrowing into) wood.

Epizooic - occurring on (or within) animals.

Epiphytic - occurring on (or within) plants.

Attached - normally sessil.

Unattached - normally free living and capable of locomotion.

12. **SEASONAL DISTRIBUTION OF MATURE FORMS** (Emergence):

Winter - sexually mature form present during winter.

Spring - sexually mature form present during spring.

Summer - sexually mature form present during summer.

Autumn - sexually mature form present during autumn.

13. FEEDING BEHAVIOR:

Predator - feeds on other animal forms.

Herbivore - feeds primarily on plants.

Omnivore - feeds on both plants and animals.

Scavenger - feeds on non-living plant and animal matter.

14. GEOGRAPHIC DISTRIBUTION - Figure 1. U.S. Environmental Protection Agency regions.

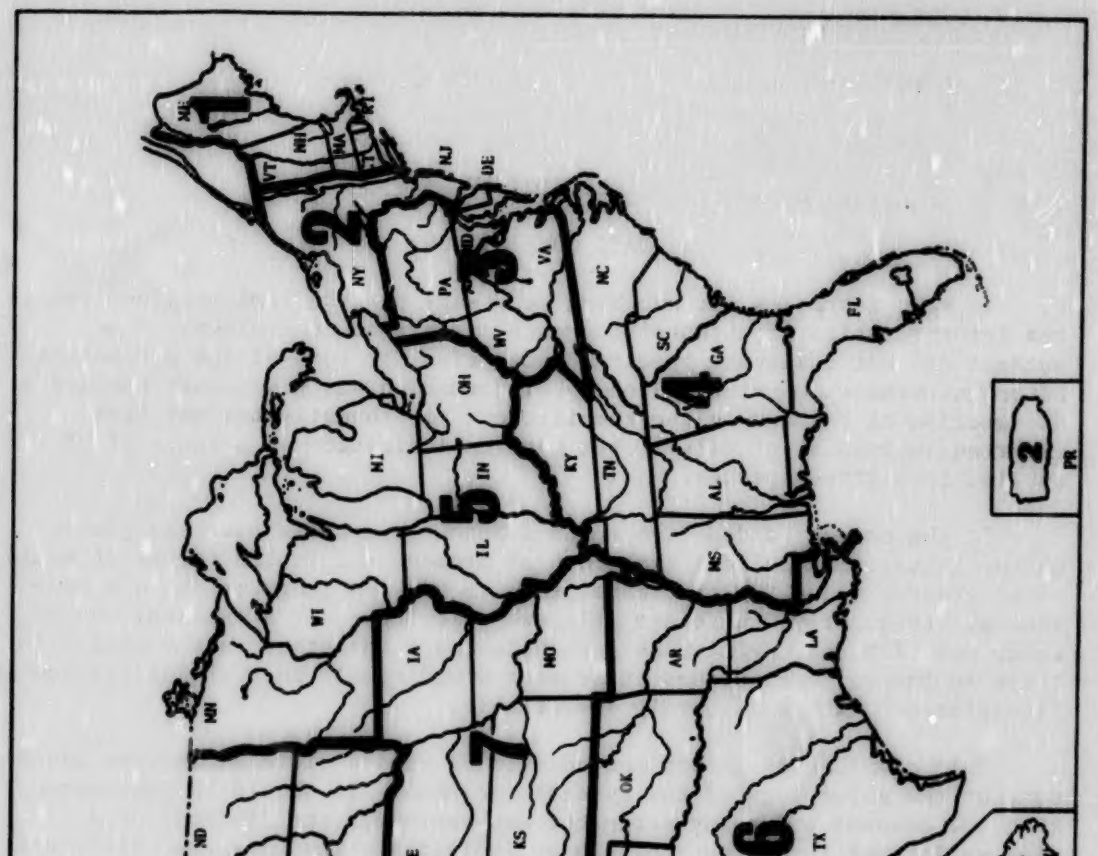

Figure 1. U.S. Environmental Protection Agency regions.

SECTION IV

DATA COMPILATION

In most instances, it has been necessary to take limited liberties in the interpretation of authors' comments on chironomid ecology. Some authors did not designate spectral categories for some of the parameters. Often inferences were made and enough information was given that enabled a designation to be made in the compilation. An investigator may have reported individual pH values, but gave no indication of a range of pH applied to a given species.

In the column headed "Consensus & Notes", emphasis has been placed on the latter. It is felt that both at present and in the future it would be of greater value for the reader to make his own judgment as to a consensus. Frequently, there are only two references for a species, one of which may list that species as a rheobiont and the other as rheophil. In these instances, a consensus at present would result in a classification of "indifferent", which is hardly justifiable.

This compilation is not intended to be used a rigid definitive assessment of the autecology of the species included. It should be remembered that the consensus for any parameter may represent the findings of a wide variety of investigators. These individuals may have used different methods of specimen collection and analysis of ecological parameters.

Keeping these considerations in mind, the compilation should prove useful to those employing chironomids in the assessment of water quality. As more information becomes available on any species, it may be added. Species not included in this project may be added on blanks provided at the end of the taxa ecological profiles section.

SECTION V

CHIRONOMIDS INCLUDED IN THIS COMPILATION

Ablabesmyia aequifasciata Dendy & Sublette

Ablabesmyia americana Fittkau

Ablabesmyia annulata (Say)

Ablabesmyia aspera (Roback)

Ablabesmyia basalis (Walley)

Ablabesmyia cinctipes (Johannsen)

Ablabesmyia hauberi Beck & Beck

Ablabesmyia illinoensis (Malloch)

Ablabesmyia mallochi (Walley)

Ablabesmyia monilis (Linnaeus)

Ablabesmyia ornata Beck & Beck

Ablabesmyia parajanta Roback

Ablabesmyia peleensis (Walley)

Ablabesmyia philosphagnos Beck & Beck

Ablabesmyia rhamphe Sublette

Ablabesmyia tarella Roback

Arctopelopia flavifrons (Johannsen)

Boreochlus persimilis Johannsen

Brillia flavifrons (Johannsen)

Brillia par (Coquillett)

Brillia parva Johannsen

Calopsectra confusa (Malloch)

Calopsectra dendyi (Sublette)

Calopsectra neoflavella (Malloch)

Calopsectra xantha (Sublette)

Cardiocladius obscurus (Johannsen)

Cardiocladius platypus (Coquillett)

Chironomus atrella (Townes)

Chironomus attenuatus Walker

Chironomus carus (Townes)

Chironomus chelonia (Townes)

Chironomus crassicaudatus (Malloch)

Chironomus plumosus (Linnaeus)

Chironomus riparius (Meigen)

Chironomus staegeri Lundbeck

Chironomus stigmaterus Say

Chironomus tentans Fabricius

Chironomus tuxis Curran

Cladotanytarsus Kieffer

Cladotanytarsus viridiventris (Malloch)

Clinotanypus Kieffer

Clinotanypus pinguis (Loew)

Clunio marshalli Stone & Wirth

Coelotanypus concinnus (Coquillett)

Coelotanypus scapularis (Loew)

Coelotanypus tricolor (Loew)

Conchapelopia Fittkau

Corynoneura taris Roback

Cricotopus sp. I (Beck)*

Cricotopus belkini Dendy & Sublette

Cricotopus bicinctus (Meigen)

Cricotopus exilis Johannsen

Cricotopus fugax (Johannsen)

Cricotopus politus (Coquillett)

Cricotopus remus Sublette

Cricotopus sylvestris (Fabricius)

Cryptochironomus blarina (Townes)

Cryptochironomus curtilamellatus Malloch

Cryptochironomus fulvus (Johannsen)

Cryptocladopelma Lenz

Cryptotendipes Lenz

Cryptotendipes casuarius (Townes)

Cryptotendipes darbyi Sublette

Cryptotendipes emorsus (Townes)

Demeijerea atrimanus (Coquillett)

Demeijerea brachialis (Coquillett)

Demicryptochironomus vulneratus (Zetterstedt)

Diamesa nivoriunda (Fitch)

Diamesa spinecies Saether

Dicrotendipes californicus (Johannsen)

Dicrotendipes fumidus Johannsen

*This is a very distinctive species thus far unreared and unnamed. It shows promise as a useful addition to this compilation when identified.

Dicrotendipes incurvus (Sublette)

Dicrotendipes leucoscelis (Townes)

Dicrotendipes lobus (E.C. Beck)

Dicrotendipes modestus (Say)

Dicrotendipes neomodestus Malloch

Dicrotendipes nervosus (Staeger)

Einfeldia austeni Beck & Beck

Einfeldia brunneipennis Johannsen

Einfeldia natchitocheae (Sublette)

Endochironomus nigricans (Johannsen)

Epoicocladius flavens (Malloch)

Eukiefferiella sp. Florida

Eukiefferiella coerulescens group

Glyptotendipes barbipes (Staeger)

Glyptotendipes lobiferus (Say)

Glyptotendipes meridionalis Dendy & Sublette

Glyptotendipes paripes (Edwards)

Goeldichironomus holoprasinus (Goeldi)

Guttipelopia currani Beck & Beck

Harnischia amachaerus (Townes)

Harnischia boydi (Beck)

Harnischia edwardsi (Kruseman)

Harnischia galeator (Townes)

Harnischia viridulus (Linnaeus)

Heterotrissocladius Sparck

Kiefferulus dux (Johannsen)

Krenosmittia Thienemann

Labrundinia becki Roback

Labrundinia floridana Beck & Beck

Labrundinia johannseni Beck & Beck

Labrundinia neopilosella Beck & Beck

Labrundinia pilosella (Loew)

Labrundinia virescens Beck & Beck

Larsia decolorata (Malloch)

Lauterborniella agrayloides (Kieffer)

Lauterborniella varipennis (Coquillett)

Leptochironomus nigrovittatus (Malloch)

Lobodiamesa Pagast

Macropelopia decedens (Walker)

Macropelopia hirtipennis (Loew)

Metriocnemus abdomino-flavatus Picado

Metriocnemus hamatus Johannsen

Metriocnemus knabi (Coquillett)

Micropsectra Kieffer

Micropsectra dives (Johannsen)

Micropsectra dubia (Malloch)

Micropsectra nigripila (Johannsen)

Micropesectra polita (Malloch)

Microtendipes pedellus (De Greer)

Monopelopia boliekae Beck & Beck

Monopelopia tillandsia Beck & Beck

Nanocladius alternantherae Dendy & Sublette

Natarsia fastuosa (Johannsen)

Nilodorum deveineyae (Beck)

Nilotanypus americanus Beck & Beck

Nimbocera Reiss

Odontomesa fulva (Kieffer)

Omisus pica Townes

Orthocladius annectens Saether

Orthocladius obumbratus Johannsen

Pagastiella orophila (Edwards)

Parachironomus alatus (Beck)

Parachironomus carinatus (Townes)

Parachironomus directus (Dendy & Sublette)

"Parachironomus" demeijera (Kruseman)

Parachironomus hirtalatus Beck & Beck

Parachironomus monochromus (Wulp)

Parachironomus pectinatellae (Dendy & Sublette)

Parachironomus scheideri Beck & Beck

Parachironomus tenuicaudatus (Malloch)

Paracladopelma loganae Beck & Beck

Paracladopelma undine (Townes)

Paralauterborniella elachista (Townes)

Paralauterborniella nigrohalteralis (Malloch)

Paralauterborniella subcincta (Townes)

Paramerina anomala Beck & Beck

Paramerina smithae (Sublette)

Parametriocnemus lundbeckii (Johannsen)

Paratendipes albimanus (Meigen)

Paratendipes subaequalis (Malloch)

Paratendipes thermophilus Townes

Parochlus kiefferi (Garrett)

Parorthocladius Thienemann

Pedionomus beckae Sublette

Pentaneura comosa Sublette

Pentaneura inconspicua (Malloch)

Phaenopsectra Kieffer

Phaenopsectra profusa (Townes)

Polypedilum apicatum Townes

Polypedilum aviceps Townes

Polypedilum braseniae (Leathers)

Polypedilum convictum (Walker)

Polypedilum digitifer Townes

Polypedilum fallax (Johannsen)

Polypedilum halterale (Coquillett)

Polypedilum illinoense (Malloch)

Polypedilum labeculosum (Mitchell)

Polypedilum nigritum Townes

Polypedilum obtusum Townes

Polypedilum ontario (Walley)

Polypedilum scalaenum (Schrank)

Polypedilum simulans Townes

Polypedilum trigonum Townes

Polypedilum tritum (Walker)

Potthastia Kieffer

Procladius adumbratus (Johannsen)

Procladius bellus (Loew)

Procladius culiciformis (Linnaeus)

Procladius denticulatus Sublette

Procladius riparius (Malloch)

Prodiamesa bathyphila (Kieffer)

Prodiamesa olivacea (Meigen)

Psectrocladius elatus Roback

Psectrotanypus dyari (Coquillett)

Psectrotanypus venustus (Coquillett)

Psectrocladius vernalis (Malloch)

Pseudochironomus aix Townes

Pseudochironomus chen Townes

Pseudochironomus fulviventris (Johannsen)

Pseudochironomus richardsoni Malloch

Pseudodiamesa Goetghebuer

Rheocricotopus robacki (Beck)

Rheotanytarsus exiguus Johannsen

Sergentia coracina (Zetterstedt)

Smittia aterrima (Meigen)

Stempellina Bause

Stenochironomus hilaris (Walker)

Stenochironomus macateei (Malloch)

Stictochironomus devinctus (Say)

Stictochironomus varius Townes

Sympotthastia Pagast

Tanypus carinatus Sublette

Tanypus clavatus Beck

Tanypus grodhausi Sublette

Tanypus parastellatus Sublette

Tanypus neopunctipennis Sublette

Tanypus punctipennis Meigen

Tanypus stellatus (Coquillett)

Tanytarsus buckleyi Sublette

Tanytarsus confusus Malloch

Tanytarsus dendyi Sublette

Tanytarsus neoflavellus Malloch

Tanytarsus quadratus Sublette

Tanytarsus recens Sublette

Tanytarsus xanthus Sublette

Telmatogeton japonicus Tokunaga

Thalassomyia bureni Wirth

Thienemannimyia barberi (Coquillett)

Thienemannimyia senata (Walley)

Thienemaniella xena Roback

Tribelos sp.A (Beck)*

Tribelos fuscicornis (Malloch)

Tribelos jucundus (Walker)

Tribelos quadripunctatus (Malloch)

Trissocladius Kieffer

*This is a very distinctive species thus far unreared and unnamed. It shows promise as a useful addition to this compilation when identified.

Xenochironomus rogersi (Beck & Beck)

Xenochironomus scopula Townes

Xenochironomus taeniontus Say

Xenochironomus xenolabis Kieffer

Zavrelia Kieffer

Zavrelimyia carneosa Fittkau

SECTION VI

SELECTED REFERENCES FOR CHIRONOMID ECOLOGY PROFILES

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Taxon: Ablabesmyia aequifasciata Dendy & Sublette

	Source	22	28									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral	X										
	Alkaliphilous		X									
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic	X	X									
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X	X									
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous		X									
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X	X									
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal		X									
Turbid.	Eulichotophilous											
	Mesolichtophilous	X	X									
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X	X									
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X	X									
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic		X									
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X	X									
Emerg.	Winter											
	Spring											
	Summer	X	X									
	Autumn											
Feeding Behavior	Predator	X										
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV		X									
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: Ablabesmyia americana Fittkau

		Source 28										Consensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Eurythermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichtophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizoic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Ablabesmyia annulata (Say)

	Source	1	5									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X	X									
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic		X									
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake		X									
	Pond											
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X	X									
	Autumn	X										
Feeding Behavior	Predator	X										
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII		X									
	Region VIII											
	Region IX											
	Region X											

Taxon: Ablabesmyia aspera (Roback)

		Source 1	4	7								Consensus & Notes
Stage	Eggs											
	Larvae	X	X	X								
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous		X	X								
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X								
	Euryhalinous											
Nutrient	Eutrophic	X		X								
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X		X								
Organic	Saprophilic											
	Facultative	X										
	Saproxenous			X								
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous			X								
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal			X								
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X	X	X								
Turbid.	Eulichotophilous			X								
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent	X		X								
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X		X								
	Pond	X										
	River	X		X								
	Stream	X	X									
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsamulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X		X								
	Attached											
	Unattached	X		X								
Emerg.	Winter	X		X								
	Spring	X		X								
	Summer	X	X	X								
	Autumn	X										
Feeding Behavior	Predator	X		X								
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III		X									
	Region IV	X		X								
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Ablabesmyia basalis (Walley)

		Source 28										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current.	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Ablabesmyia cinctipes (Johannsen)

	Source	1	27	7								Consensus & Notes
Stage	Eggs											
	Larvae	X	X	X								
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous			X								
	Neutral											
	Alkaliphilous		X									
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X								
	Euryhalinous											
Nutrient	Eutrophic	X		X								
	Mesotrophic											
	Oligotrophic		X									
	Dystrophic			X								
Organic	Saprophilic											
	Facultative	X										
	Saproxenous											
	Saprophobic		X	X								
O_2	Euoxyphilous											
	Mesoxyphilous	X	X	X								
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X	X								
	Oligothermal											
	Stenothermal											
	Metathermal		X									
	Eurythermal	X		X								
Turbid.	Eulichotophilous											
	Mesolichtophilous	X		X								
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X		X								
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic		X									
General Habitat	Marine											
	Estuary											
	Lake	X		X								
	Pond			X								
	River											
	Stream		X									
	Spring											
	Other											
Specific Habitat	Epibenthic	X		X								
	Embenthic											
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X		X								
Emerg.	Winter			X								
	Spring		X	X								
	Summer	X		X								
	Autumn			X								
Feeding Behavior	Predator	X		X								
	Herbivore			X								
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X		X								
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX		X									
	Region X											

Taxon: Ablabesmyia hauberi Beck & Beck

		Source 1	7	Consensus & Notes
Stage	Eggs			
	Larvae	X	X	
	Pupae			
	Adults			
pH	Acidobiontic			
	Acidophilous	X	X	
	Neutral			
	Alkaliphilous			
	Alkalibiontic			
	Indifferent			
Salinity	Polyhalobous			
	Euhalobous			
	Mesohalobous			
	Oligohalobous	X	X	
	Euryhalinous			
Nutrient	Eutrophic		X	
	Mesotrophic	X		
	Oligotrophic			
	Dystrophic	X	X	
Organic	Saprophilic			
	Facultative			
	Saproxenous			
	Saprophobic	X	X	
O_2	Euoxyphilous	X		
	Mesoxyphilous		X	
	Oligoxyphilous			
	Anoxyphilous			
Temp.	Euthermal			
	Mesothermal		X	
	Oligothermal			
	Stenothermal			
	Metathermal			
	Eurythermal	X	X	
Turbid.	Eulichotophilous		X	
	Mesolichtophilous	X		
	Polylichtophilous			
	Oligolichtophilous			
Current	Limnobiontic			
	Limnophilous			
	Indifferent		X	
	Rheophilous	X		
	Rheobiontic			
General Habitat	Marine			
	Estuary			
	Lake			
	Pond		X	
	River	X		
	Stream	X	X	
	Spring			
	Other			
Specific Habitat	Epibenthic			
	Embenthic			
	Epipelic			
	Epipsabulic			
	Epilithic			
	Epixylous			
	Epizooic			
	Epiphytic	X	X	
	Attached			
	Unattached	X	X	
Emerg.	Winter	X	X	
	Spring	X	X	
	Summer	X	X	
	Autumn	X		
Feeding Behavior	Predator		X	
	Herbivore			
	Omnivore	X		
	Scavenger			
Geographical Distribution	Region I			
	Region II	X		
	Region III			
	Region IV	X	X	
	Region V			
	Region VI			
	Region VII			
	Region VIII			
	Region IX			
	Region X			

Taxon: Ablabesmyia illinoensis (Malloch)

	[illegible]										Consensus & Notes
[illegible]											
[illegible]	X										
[illegible]											
[illegible]											
Acidobiontic											
Acidophilous											
[illegible]											
Alkaliphilous	X										
Alkalibiontic											
Indifferent											
[illegible]											
[illegible]											
Mesohalobous											
[illegible]	X										
[illegible]											
[illegible]	X										
[illegible]											
[illegible]											
Dystrophic											
[illegible]											
[illegible]											
[illegible]	X										
[illegible]											
[illegible]											
[illegible]	X										
[illegible]											
[illegible]											
[illegible]											
[illegible]	X										
[illegible]											
[illegible]											
[illegible]											
[illegible]	X										
[illegible]											
[illegible]	X										
[illegible]											
[illegible]											
[illegible]	X										
[illegible]											
[illegible]											
[illegible]											
[illegible]											
Marine											
[illegible]											
Lake											
Pond	X										
River											
Stream											
[illegible]											
Other											
[illegible]	X										
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
Attached											
Unattached	X										
Winter											
Spring	X										
Summer											
Autumn											
Predator											
Herbivore											
Omnivore											
Scavenger											
Region I											
Region II											
Region III											
Region IV	X										
Region V											
Region VI											
Region VII											
Region VIII											
Region IX											
Region X											

Taxon: Ablabesmyia mallochi (Walley)

		Source										Concensus & Notes
		1	14	17	11							
Stage	Eggs											
	Larvae	X	X	X	X							
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X	X	X								
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X							
	Euryhalinous											
Nutrient	Eutrophic		X									
	Mesotrophic	X		X	X							
	Oligotrophic											
	Dystrophic	X		X								
Organic	Saprophilic											
	Facultative											
	Saproxenous	X	X									
	Saprophobic			X								
O_2	Euoxyphilous											
	Mesoxyphilous	X	X	X								
	Oligoxyphilous				X							
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal			X								
	Oligothermal				X							
	Stenothermal											
	Metathermal				X							
	Eurythermal	X		X								
Turbid.	Eulichotophilous											
	Mesolichtophilous	X	X									
	Polylichtophilous			X								
	Oligolichtophilous											
Current	Limnobiontic				X							
	Limnophilous	X										
	Indifferent											
	Rheophilous											
	Rheobiontic		X	X								
General Habitat	Marine											
	Estuary											
	Lake				X							
	Pond	X										
	River	X	X	X								
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic			X	X							
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X	X	X								
	Attached											
	Unattached	X	X	X	X							
Emerg.	Winter	X										
	Spring	X			X							
	Summer	X		X	X							
	Autumn	X										
Feeding Behavior	Predator	X										
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X	X	X								
	Region V	X										
	Region VI				X							
	Region VII	X										
	Region VIII											
	Region IX											
	Region X											

Taxon: Ablabesmyia monilis (Linnaeus)

	Source	22										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral	X										
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator	X										
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: Ablabesmyia ornata Beck & Beck

	Source	1	4	14	7							Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X							
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous				X							
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X	X	X								
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X		X	X							
	Euryhalinous											
Nutrient	Eutrophic			X	X							
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic				X							
Organic	Saprophilic											
	Facultative											
	Saproxenous	X		X								
	Saprophobic				X							
O_2	Euoxyphilous											
	Mesoxyphilous	X		X	X							
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X		X							
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X			X							
Turbid.	Eulichotophilous				X							
	Mesolichtophilous	X		X								
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous				X							
	Rheobiontic		X	X								
General Habitat	Marine											
	Estuary											
	Lake											
	Pond				X							
	River	X		X								
	Stream	X	X		X							
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X		X	X							
	Attached											
	Unattached	X		X	X							
Emerg.	Winter	X			X							
	Spring	X			X							
	Summer	X	X									
	Autumn	X										
Feeding Behavior	Predator	X										
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II	X										
	Region III	X	X									
	Region IV	X		X	X							
	Region V	X										
	Region VI											
	Region VII	X										
	Region VIII											
	Region IX											
	Region X											

Taxon: Ablabesmyia parajanta Roback

	Source	1	14	17	7							Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X							
	Pupae											
	Adults											
pH	Acidobiontic	X										
	Acidophilous				X							
	Neutral	X										
	Alkaliphilous											
	Alkalibiontic											
	Indifferent		X	X								
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X							
	Euryhalinous											
Nutrient	Eutrophic	X	X		X							
	Mesotrophic			X								
	Oligotrophic											
	Dystrophic	X		X	X							
Organic	Saprophilic											
	Facultative	X	X									
	Saproxenous				X							
	Saprophobic			X								
O_2	Euoxyphilous											
	Mesoxyphilous	X	X	X	X							
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal			X	X							
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X		X	X							
Turbid.	Eulichotophilous				X							
	Mesolichtophilous	X	X									
	Polylichtophilous			X								
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent	X										
	Rheophilous											
	Rheobiontic		X	X	X							
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond	X										
	River	X	X	X	X							
	Stream	X			X							
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X	X	X	X							
	Attached											
	Unattached	X	X	X	X							
Emerg.	Winter	X			X							
	Spring	X			X							
	Summer	X		X	X							
	Autumn	X			X							
Feeding Behavior	Predator	X			X							
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X	X	X	X							
	Region V	X										
	Region VI											
	Region VII	X										
	Region VIII											
	Region IX											
	Region X											

Taxon: Ablabesmyia peleensis (Walley)

	Source	1	4	12	14	7						Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X						
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous					X						
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X	X	X	X							
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X						
	Euryhalinous											
Nutrient	Eutrophic	X			X	X						
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X				X						
Organic	Saprophilic											
	Facultative											
	Saproxenous	X			X	X						
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X		X	X	X						
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal			X		X						
	Oligothermal											
	Stenothermal											
	Metathermal		X									
	Eurythermal	X				X						
Turbid.	Eulichotophilous											
	Mesolichtophilous	X			X	X						
	Polylichtophilous			X								
	Oligolichtophilous											
Current	Limnobiontic			X								
	Limnophilous											
	Indifferent	X				X						
	Rheophilous											
	Rheobiontic		X		X							
General Habitat	Marine											
	Estuary											
	Lake	X		X		X						
	Pond	X	X			X						
	River	X			X							
	Stream	X	X			X						
	Spring											
	Other	X										
Specific Habitat	Epibenthic			X								
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X			X	X						
	Attached											
	Unattached	X		X	X	X						
Emerg.	Winter	X				X						
	Spring	X		X		X						
	Summer	X	X			X						
	Autumn	X		X		X						
Feeding Behavior	Predator					X						
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II	X										
	Region III	X	X									
	Region IV	X			X	X						
	Region V											
	Region VI			X								
	Region VII	X										
	Region VIII											
	Region IX											
	Region X											

Taxon: Ablabesmyia philosphagnos Beck & Beck

	Source	1	7									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic	X	X									
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic		X									
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X	X									
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic		X									
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X	X									
Turbid.	Eulichotophilous		X									
	Mesolichtophilous											
	Polylichtophilous	X										
	Oligolichtophilous											
Current	Limnobiontic	X	X									
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream											
	Spring											
	Other	X	X									sphagnum bogs
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X	X									
	Attached											
	Unattached	X	X									
Emerg.	Winter	X	X									
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator		X									
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X	X									
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Ablabesmyia rhamphe Sublette

	Source	1	12	11	28	7						Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X						
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous				X							
	Neutral											
	Alkaliphilous					X						
	Alkalibiontic											
	Indifferent	X	X									
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X						
	Euryhalinous											
Nutrient	Eutrophic	X			X	X						
	Mesotrophic			X								
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X			X	X						
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X		X	X						
	Oligoxyphilous			X								
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X		X	X						
	Oligothermal			X								
	Stenothermal											
	Metathermal			X								
	Eurythermal	X			X	X						
Turbid.	Eulichotophilous											
	Mesolichtophilous	X			X	X						
	Polylichtophilous		X									
	Oligolichtophilous											
Current	Limnobiontic		X	X	X							
	Limnophilous											
	Indifferent	X				X						
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X	X	X								
	Pond				X							
	River	X				X						
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic			X	X							
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X	X			X						
	Attached											
	Unattached	X	X	X	X	X						
Emerg.	Winter	X										
	Spring	X	X	X								
	Summer	X	X	X	X	X						
	Autumn	X	X									
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X			X	X						
	Region V											
	Region VI		X	X								
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Ablabesmyia tarella Roback

	Source	1	4	7								Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X								
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X	X	X								
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X								
	Euryhalinous											
Nutrient	Eutrophic			X								
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X		X								
Organic	Saprophilic											
	Facultative	X										
	Saproxenous											
	Saprophobic			X								
O_2	Euoxyphilous											
	Mesoxyphilous	X		X								
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X	X								
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X		X								
Turbid.	Eulichotophilous			X								
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous	X										
	Rheobiontic		X	X								
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River	X										
	Stream	X	X	X								
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X		X								
	Attached											
	Unattached	X		X								
Emerg.	Winter	X		X								
	Spring	X		X								
	Summer	X	X									
	Autumn	X										
Feeding Behavior	Predator			X								
	Herbivore	X										
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X	X									
	Region IV	X		X								
	Region V	X										
	Region VI											
	Region VII	X										
	Region VIII											
	Region IX											
	Region X											

Taxon: Arctopelopia flavifrons (Johannsen)

		Source 10										Conceneus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichtophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizoic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring											
	Summer											
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V	X										
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Boreochlus persimilis Johannsen

		Source 27										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichtophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached											
Emerg.	Winter											
	Spring	X										
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: **Brillia flavifrons (Johannsen)**

	Source	11									Concensus & Notes
Stage	Eggs										
	Larvae	X									
	Pupae										
	Adults										
pH	Acidobiontic										
	Acidophilous										
	Neutral										
	Alkaliphilous										
	Alkalibiontic										
	Indifferent										
Salinity	Polyhalobous										
	Euhalobous										
	Mesohalobous										
	Oligohalobous	X									
	Euryhalinous										
Nutrient	Eutrophic										
	Mesotrophic	X									
	Oligotrophic										
	Dystrophic										
Organic	Saprophilic										
	Facultative										
	Saproxenous										
	Saprophobic										
O_2	Euoxyphilous										
	Mesoxyphilous										
	Oligoxyphilous	X									
	Anoxyphilous										
Temp.	Euthermal										
	Mesothermal										
	Oligothermal	X									
	Stenothermal										
	Metathermal										
	Eurythermal										
Turbid.	Eulichotophilous										
	Mesolichtophilous										
	Polylichtophilous										
	Oligolichtophilous										
Current	Limnobiontic	X									
	Limnophilous										
	Indifferent										
	Rheophilous										
	Rheobiontic										
General Habitat	Marine										
	Estuary										
	Lake	X									
	Pond										
	River										
	Stream										
	Spring										
	Other										
Specific Habitat	Epibenthic										
	Embenthic										
	Epipelic										
	Epipsamulic										
	Epilithic										
	Epixylous	X									
	Epizooic										
	Epiphytic										
	Attached										
	Unattached	X									
Emerg.	Winter	X									
	Spring										
	Summer										
	Autumn										
Feeding Behavior	Predator										
	Herbivore										
	Omnivore										
	Scavenger										
Geographical Distribution	Region I										
	Region II										
	Region III										
	Region IV										
	Region V										
	Region VI	X									
	Region VII										
	Region VIII										
	Region IX										
	Region X										

Taxon: Brillia par (Coquillett)

		Source: 1	4	2	Concensus & Notes
Stage	Eggs				
	Larvae	X	X	X	
	Pupae				
	Adults				
pH	Acidobiontic				
	Acidophilous				
	Neutral				
	Alkaliphilous		X		
	Alkalibiontic				
	Indifferent	X		X	
Salinity	Polyhalobous				
	Euhalobous				
	Mesohalobous				
	Oligohalobous	X	X	X	
	Euryhalinous				
Nutrient	Eutrophic				
	Mesotrophic	X		X	
	Oligotrophic				
	Dystrophic	X			
Organic	Saprophilic				
	Facultative				
	Saproxenous				
	Saprophobic	X			
O_2	Euoxyphilous				
	Mesoxyphilous	X		X	
	Oligoxyphilous				
	Anoxyphilous				
Temp.	Euthermal				
	Mesothermal				
	Oligothermal				
	Stenothermal		X		
	Metathermal				
	Eurythermal	X		X	
Turbid.	Eulichtophilous				
	Mesolichtophilous	X			
	Polylichtophilous			X	
	Oligolichtophilous				
Current	Limnobiontic				
	Limnophilous				
	Indifferent				
	Rheophilous				
	Rheobiontic	X	X	X	
General Habitat	Marine				
	Estuary				
	Lake				
	Pond				
	River	X		X	
	Stream	X	X		
	Spring				
	Other				
Specific Habitat	Epibenthic				
	Embenthic				
	Epipelic				
	Epiambulic				
	Epilithic				
	Epixylous	X		X	wood burrowing
	Epizooic				
	Epiphytic				
	Attached				
	Unattached			X	
Emerg.	Winter	X		X	
	Spring	X		X	
	Summer	X	X	X	
	Autumn	X			
Feeding Behavior	Predator				
	Herbivore	X			
	Omnivore				
	Scavenger			X	
Geographical Distribution	Region I				
	Region II				
	Region III	X	X		
	Region IV	X		X	
	Region V				
	Region VI				
	Region VII	X			
	Region VIII	X			
	Region IX				
	Region X				

Taxon: Brillia parva Johannsen

		Source 3	27									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous		X									
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic	X	X									
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X	X									
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal											
	Stenothermal	X										
	Metathermal		X									
	Eurythermal											
Turbid.	Eulichotophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous	X										
	Rheobiontic		X									
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream		X									
	Spring	X										
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring		X									
	Summer											
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I	X										
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX		X									
	Region X											

Taxon: Calopsectra confusa (Malloch)

	28										Concensus & Notes
Eggs											
Larvae	X										
Pupae											
Adults											
Acidobiontic											
Acidophilous											
Neutral											
Alkaliphilous	X										
Alkalibiontic											
Indifferent											
Polyhalobous											
Euhalobous											
Mesohalobous											
Oligohalobous	X										
Euryhalinous											
Eutrophic	X										
Mesotrophic											
Oligotrophic											
Dystrophic											
Saprophilic											
Facultative											
Saproxenous	X										
Saprophobic											
Euoxyphilous											
Mesoxyphilous	X										
Oligoxyphilous											
Anoxyphilous											
Euthermal											
Mesothermal	X										
Oligothermal											
Stenothermal											
Metathermal											
Polythermal	X										
Euichthyophilous											
Mesoichthyophilous	X										
Polyichthyophilous											
Oligoichthyophilous											
Limnobiontic	X										
Limnophilous											
Indifferent											
Rheophilous											
Rheobiontic											
Marine											
Estuary											
Lake											
Pond	X										
River											
Stream											
Spring											
Other											
Epibenthic	X										
Inbenthic											
Epipelic											
Epipsammic											
Epilithic											
Planktonic											
Epizoic											
Epiphytic											
Attached											
Unattached	X										
Winter											
Spring	X										
Summer											
Autumn											
Predator											
Herbivore											
Omnivore											
Scavenger											
Region I											
Region II											
Region III											
Region IV	X										
Region V											
Region VI											
Region VII											
Region VIII											
Region IX											
Region X											

Taxon: Calopsectra dendyi (Sublette)

		Source 28										Consensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichtophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsamulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: **Calopsectra neoflavella (Malloch)**

		Source 28										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Str[illegible]											
	Spr[illegible]											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epiasbulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Calopsectra xantha (Sublette)

		Source										Concensus & Notes
		28										
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring	X										
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Cardiocladius obscurus (Johannsen)

	Source	1	4	6								Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X								
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X		X								
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent		X									
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X								
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X		X								
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous	X										
	Mesoxyphilous			X								
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal	X										
	Mesothermal											
	Oligothermal											
	Stenothermal		X									
	Metathermal			X								
	Eurythermal											
Turbid.	Eulichtophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous			X								
	Rheobiontic	X	X									
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X	X	X								
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsabulic											
	Epilithic	X		X								
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached			X								
Emerg.	Winter	X										
	Spring	X										
	Summer	X	X	X								
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X		X								
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X	X									
	Region IV	X										
	Region V	X		X								
	Region VI											
	Region VII	X										
	Region VIII	X										
	Region IX											
	Region X											

Taxon: Cardiocladius platypus (Coquillett)

	Source	27									Concensus & Notes
Stage	Eggs										
	Larvae	X									
	Pupae										
	Adults										
pH	Acidobiontic										
	Acidophilous										
	Neutral										
	Alkaliphilous	X									
	Alkalibiontic										
	Indifferent										
Salinity	Polyhalobous										
	Euhalobous										
	Mesohalobous										
	Oligohalobous	X									
	Euryhalinous										
Nutrient	Eutrophic										
	Mesotrophic										
	Oligotrophic	X									
	Dystrophic										
Organic	Saprophilic										
	Facultative										
	Saproxenous										
	Saprophobic	X									
O_2	Euoxyphilous										
	Mesoxyphilous	X									
	Oligoxyphilous										
	Anoxyphilous										
Temp.	Euthermal										
	Mesothermal	X									
	Oligothermal										
	Stenothermal										
	Metathermal	X									
	Eurythermal										
Turbid.	Eulichotophilous										
	Mesolichtophilous										
	Polylichtophilous										
	Oligolichtophilous										
Current	Limnobiontic										
	Limnophilous										
	Indifferent										
	Rheophilous										
	Rheobiontic	X									
General Habitat	Marine										
	Estuary										
	Lake										
	Pond										
	River										
	Stream	X									
	Spring										
	Other										
Specific Habitat	Epibenthic										
	Embenthic										
	Epipelic										
	Episabulic										
	Epilithic										
	Epixylous										
	Epizooic										
	Epiphytic										
	Attached										
	Unattached										
Emerg.	Winter										
	Spring										
	Summer	X									
	Autumn										
Feeding Behavior	Predator										
	Herbivore										
	Omnivore										
	Scavenger										
Geographical Distribution	Region I										
	Region II										
	Region III										
	Region IV										
	Region V										
	Region VI										
	Region VII										
	Region VIII										
	Region IX	X									
	Region X										

Taxon: Chironomus atrella (Townes)

	Source	23										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous	X										
	Oligohalobous											
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic	X										
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichtophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent	X										
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary	X										
	Lake											
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached	X										
	Unattached											
Emerg.	Winter											
	Spring	X										
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I	X										
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Chironomus attenuatus Walker

	Source	12	2	18	11	21	22	25	26	28	29	Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X	X	X	X	X	
	Pupae											
	Adults											
pH	Acidobiontic			X								
	Acidophilous											
	Neutral						X					
	Alkaliphilous									X		
	Alkalibiontic											
	Indifferent	X	X			X		X	X		X	
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X	X	X	X		
	Euryhalinous											
Nutrient	Eutrophic			X		X	X	X	X	X	X	
	Mesotrophic		X		X							
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic							X	X			
	Facultative			X		X						
	Saproxenous						X			X	X	
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X	X						X	X	
	Oligoxyphilous				X	X	X	X	X			
	Anoxyphilous			X				X	X		X	
Temp.	Euthermal											
	Mesothermal	X		X		X	X	X	X	X	X	
	Oligothermal				X							
	Stenothermal											
	Metathermal				X		X					
	Eurythermal		X	X		X		X	X	X	X	
Turbid.	Eulichotophilous											
	Mesolichtophilous			X			X	X	X	X		
	Polylichtophilous	X	X			X					X	
	Oligolichtophilous											
Current	Limnobiontic	X		X	X	X	X	X	X	X	X	
	Limnophilous											
	Indifferent											
	Rheophilous		X									
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X			X							
	Pond			X		X	X	X	X	X	X	
	River		X									
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic									X		
	Embenthic		X	X	X	X	X	X	X		X	
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached		X	X	X	X	X	X	X	X	X	
Emerg.	Winter		X	X	X					X		
	Spring	X	X	X	X					X		
	Summer	X	X	X	X		X			X		
	Autumn	X	X	X	X					X		
Feeding Behavior	Predator					X						
	Herbivore											
	Omnivore											
	Scavenger		X									
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV		X							X		
	Region V			X								
	Region VI	X			X							
	Region VII							X	X			
	Region VIII											
	Region IX					X	X				X	
	Region X											

Taxon: **Chironomus carus (Townes)**

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative	X										
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous											
	Anoxyphilous	X										
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal											
Turbid.	Eulichtophilous											
	Mesolichtophilous											
	Polylichtophilous	X										
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferant											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond	X										
	River											
	Stream											
	Spring											
	Other	X										canal
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Chironomus chelonia (Townes)

		Source 11										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal	X										
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichtophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Chironomus crassicaudatus (Malloch)

	Source	11	28									Consensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous		X									
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic		X									
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous		X									
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous		X									
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal	X										
	Stenothermal											
	Metathermal	X										
	Eurythermal		X									
Turbid.	Eulichotophilous											
	Mesolichtophilous		X									
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X	X									
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond		X									
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic		X									
	Embenthic	X										
	Epipelic											
	Epipsamulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X									
Emerg.	Winter											
	Spring		X									
	Summer	X	X									
	Autumn		X									
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV		X									
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Chironomus plumosus (Linnaeus)

	Source	6	18	22	25	26	28					Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X					
	Pupae											
	Adults											
pH	Acidobiontic		X									
	Acidophilous											
	Neutral			X								
	Alkaliphilous						X					
	Alkalibiontic											
	Indifferent				X	X						
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X					
	Euryhalinous											
Nutrient	Eutrophic		X	X	X	X	X					
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic				X	X						
	Facultative		X									
	Saproxenous			X			X					
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X				X					
	Oligoxyphilous			X	X	X						
	Anoxyphilous		X									
Temp.	Eutherma1											
	Mesothermal		X	X	X	X	X					
	Oligothermal											
	Stenothermal											
	Metathermal			X								
	Eurythermal	X	X		X	X	X					
Turbid.	Eulichotophilous											
	Mesolichtophilous		X	X	X	X	X					
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic		X	X	X	X	X					
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond		X	X	X	X	X					
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic						X					
	Embenthic	X	X	X	X	X						
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	UnAttached	X	X	X	X	X	X					
Emerg.	Winter		X				X					
	Spring		X				X					
	Summer	X	X	X			X					
	Autumn		X				X					
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV						X					
	Region V	X	X									
	Region VI											
	Region VII					X						
	Region VIII											
	Region IX			X								
	Region X											

Taxon: Chironomus riparius (Meigen)

	Source	6	23	26	28	8	Concensus & Notes
Stage	Eggs						
	Larvae	X	X	X	X	X	
	Pupae						
	Adults						
pH	Acidobiontic						
	Acidophilous						
	Neutral						
	Alkaliphilous				X	X	
	Alkalibiontic						
	Indifferent		X	X			
Salinity	Polyhalobous						
	Euhalobous						
	Mesohalobous						
	Oligohalobous	X	X	X	X	X	
	Euryhalinous						
Nutrient	Eutrophic		X	X	X	X	
	Mesotrophic	X					
	Oligotrophic						
	Dystrophic						
Organic	Saprophilic		X	X			
	Facultative					X	
	Saproxenous				X		
	Saprophobic						
O_2	Euoxyphilous						
	Mesoxyphilous	X			X	X	
	Oligoxyphilous		X	X		X	
	Anoxyphilous		X	X			
Temp.	Euthermal						
	Mesothermal		X	X	X	X	
	Oligothermal						
	Stenothermal						
	Metathermal						
	Eurythermal	X	X	X	X	X	
Turbid.	Eulichtophilous						
	Mesolichtophilous		X	X	X	X	
	Polylichtophilous						
	Oligolichtophilous						
Current	Limnobiontic		X	X	X		
	Limnophilous						
	Indifferent						
	Rheophilous						
	Rheobiontic	X				X	
General Habitat	Marine						
	Estuary						
	Lake						
	Pond		X	X	X		
	River						
	Stream	X				X	
	Spring						
	Other						
Specific Habitat	Epibenthic				X		
	Eubenthic	X	X	X		X	
	Epipelic						
	Episabulic						
	Epilithic						
	Epixylous						
	Epizooic						
	Epiphytic						
	Attached						
	Unattached	X	X	X	X	X	
Emerg.	Winter				X		
	Spring						
	Summer	X					
	Autumn						
Feeding Behavior	Predator						
	Herbivore						
	Omnivore						
	Scavenger	X					
Geographical Distribution	Region I						
	Region II						
	Region III						
	Region IV				X		
	Region V	X				X	
	Region VI						
	Region VII		X	X			
	Region VIII						
	Region IX						
	Region X						

Taxon: Chironomus staegeri Lundbeck

		Source 28										Consensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Chironomus stigmaterus Say

		Summary	1	11	21	29							Concensus & Notes
[illegible]	Eggs												
	Larvae		X	X	X	X							
	Pupae												
	Adults												
pH	Acidobiontic												
	Acidophilous												
	Neutral												
	Alkaliphilous												
	Alkalibiontic												
	Indifferent		X		X	X							
Salinity	Polyhalobous												
	Euhalobous												
	Mesohalobous												
	Oligohalobous		X	X	X	X							
	Euryhalinous												
[illegible]	Eutrophic		X		X	X							
	Mesotrophic			X									
	Oligotrophic												
	Dystrophic												
[illegible]	Saprophilic												
	Facultative		X		X								
	Saproxenous					X							
	Saprophobic												
O_2	Euoxyphilous												
	Mesooxyphilous		X			X							
	Oligooxyphilous			X	X								
	Anoxyphilous					X							
Temp.	Euthermal												
	Mesothermal				X	X							
	Oligothermal			X									
	Stenothermal												
	Metathermal			X									
	Eurythermal		X		X	X							
Turbid.	Eulichtophilous												
	Mesolichtophilous												
	Polylichtophilous		X		X	X							
	Oligolichtophilous												
Current	Limnobiontic		X	X	X	X							
	Limnophilous												
	Indifferent												
	Rheophilous												
	Rheobiontic												
General Habitat	Marine												
	Estuary												
	Lake		X	X									
	Pond		X		X	X							
	River												
	Stream												
	Spring												
	Other		X										stock-watering tank
Specific Habitat	Epibenthic												
	Embenthic		X	X	X	X							
	Epipelic												
	Epiambulic												
	Epilithic												
	Epixylous												
	Epizoic												
	Epiphytic												
	Attached												
	Unattached		X	X	X	X							
Emerg.	Winter		X										
	Spring		X										
	Summer		X	X									
	Autumn		X										
Feeding Behavior	Predator				X								
	Herbivore												
	Omnivore												
	Scavenger		X										
Geographical Distribution	Region I												
	Region II												
	Region III												
	Region IV		X										
	Region V												
	Region VI			X									
	Region VII												
	Region VIII												
	Region IX				X	X							
	Region X												

Taxon: Chironomus tentans Fabricius

		Source 20										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative	X										
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous	X										
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous	X										
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond	X										
	River											
	Stream	X										
	Spring											
	Other	X										waste-stabilization lagoons
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II	X										
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Chironomus tuxis Curran

	Source	3	6									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic		X									
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal	X										
	Metathermal											
	Eurythermal		X									
Turbid.	Eulichotophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous	X	X									
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream		X									
	Spring	X										
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X	X									
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X									
Emerg.	Winter											
	Spring											
	Summer		X									
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X	X									
Geographical Distribution	Region I	X										
	Region II											
	Region III											
	Region IV											
	Region V		X									
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Cladotanytarsus Kieffer

	Source	1	4	14								Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X								
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous		X	X								
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X		X								
	Euryhalinous											
Nutrient	Eutrophic	X		X								
	Mesotrophic.	X										
	Oligotrophic	X										
	Dystrophic	X										
Organic	Saprophilic			X								
	Facultative	X										
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous	X										
	Mesoxyphilous	X		X								
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal		X									
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X		X								
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous		X									
	Indifferent	X										
	Rheophilous											
	Rheobiontic			X								
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond	X	X									
	River	X		X								
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epissabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X		X								
	Attached											
	Unattached	X		X								
Emerg.	Winter	X										
	Spring	X										
	Summer	X	X									
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X	X									
	Region IV	X		X								
	Region V	X										
	Region VI											
	Region VII	X										
	Region VIII	X										
	Region IX											
	Region X											

Taxon: Cladotanytarsus viridiventris (Malloch)

		Source										Concensus & Notes
		12	22	28	11							
Stage	Eggs											
	Larvae	X	X	X	X							
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral		X									
	Alkaliphilous			X								
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhaloboue											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X							
	Euryhalinous											
Nutrient	Eutrophic		X	X								
	Mesotrophic	X			X							
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous		X	X								
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X		X								
	Oligoxyphilous		X		X							
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X	X								
	Oligothermal				X							
	Stenothermal											
	Metathermal		X		X							
	Eurythermal	X		X								
Turbid.	Eulichotophilous											
	Mesolichtophilous	X	X	X								
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X	X	X	X							
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X			X							
	Pond		X	X								
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X		X								
	Embenthic				X							
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic		X									
	Attached											
	Unattached	X	X	X	X							
Emerg.	Winter											
	Spring	X		X								
	Summer	X	X		X							
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV			X								
	Region V											
	Region VI	X			X							
	Region VII											
	Region VIII											
	Region IX		X									
	Region X											

Taxon: Clinotanypus Kieffer

	Source	1	4	9	2	5	14	25	26			Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X	X	X			
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous			X								
	Alkalibiontic											
	Indifferent	X	X		X		X	X	X			
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X	X	X			
	Euryhalinous											
Nutrient	Eutrophic	X					X	X	X			
	Mesotrophic	X			X							
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic							X	X			
	Facultative	X		X			X					
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X		X	X		X					
	Oligoxyphilous							X	X			
	Anoxyphilous							X	X			
Temp.	Euthermal											
	Mesothermal							X	X			
	Oligothermal											
	Stenothermal											
	Metathermal		X		X							
	Eurythermal	X		X		X		X	X			
Turbid.	Eulichotophilous											
	Mesolichtophilous	X					X	X	X			
	Polylichtophilous				X							
	Oligolichtophilous											
Current	Limnobiontic			X		X		X	X			
	Limnophilous											
	Indifferent		X									
	Rheophilous	X			X							
	Rheobiontic						X					
General Habitat	Marine											
	Estuary											
	Lake	X				X						
	Pond		X					X	X			
	River	X			X		X					
	Stream	X	X									
	Spring											
	Other	X										marsh
Specific Habitat	Epibenthic	X		X	X							
	Embenthic							X	X			
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic						X					
	Attached											
	Unattached	X			X		X	X	X			
Emerg.	Winter	X				X						
	Spring	X										
	Summer	X	X		X							
	Autumn	X			X	X						
Feeding Behavior	Predator	X										
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X	X									
	Region IV	X			X		X					
	Region V	X		X								
	Region VI											
	Region VII	X				X		X	X			
	Region VIII											
	Region IX											
	Region X											

Taxon: Clinotanypus pinguis (Loew)

	Source	28	8									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X	X									
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic		X									
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic		X									
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X	X									
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X	X									
Turbid.	Eulichotophilous											
	Mesolichtophilous	X	X									
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic		X									
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream		X									
	Spring											
	Other											
Specific Habitat	Epibenthic	X	X									
	Embenthic											
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X									
Emerg.	Winter		X									
	Spring	X	X									
	Summer		X									
	Autumn		X									
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V		X									
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Clunio marshalli Stone & Wirth

	Source	32										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous	X										
	Oligohalobous											
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent	X										
	Rheophilous											
	Rheobiontic											
General Habitat	Marine	X										
	Estuary	X										
	Lake											
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Coelotanypus concinnus (Coquillett)

	Source	1	9	2	3	11	28	8	30			Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X	X	X			
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral								X			
	Alkaliphilous		X				X	X				
	Alkalibiontic											
	Indifferent	X		X								
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X	X	X			
	Euryhalinous											
Nutrient	Eutrophic	X					X					
	Mesotrophic	X		X		X		X	X			
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative	X										
	Saproxenous						X	X	X			
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X	X			X	X	X			
	Oligoxyphilous					X						
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal						X	X	X			
	Oligothermal					X						
	Stenothermal											
	Metathermal			X		X						
	Eurythermal	X	X		X		X	X	X			
Turbid.	Eulichotophilous											
	Mesolichtophilous	X					X	X	X			
	Polylichtophilous			X								
	Oligolichtophilous											
Current	Limnobiontic		X		X	X	X					
	Limnophilous	X										
	Indifferent											
	Rheophilous			X								
	Rheobiontic							X	X			
General Habitat	Marine											
	Estuary											
	Lake	X			X	X						
	Pond						X					
	River	X		X					X			
	Stream	X						X				
	Spring											
	Other	X										marsh
Specific Habitat	Epibenthic	X	X	X	X	X	X	X	X			
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X		X	X	X	X	X	X			
Emerg.	Winter	X						X				
	Spring	X				X		X				
	Summer	X		X	X	X	X	X				
	Autumn	X		X				X				
Feeding Behavior	Predator	X										
	Herbivore											
	Omnivore											
	Scavenger			X								
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X		X			X		X			
	Region V	X	X					X				
	Region VI					X						
	Region VII				X							
	Region VIII											
	Region IX											
	Region X											

Taxon: Coelotanypus scapularis (Loew)

		Source 1									Concensus & Notes
Stage	Eggs										
	Larvae	X									
	Pupae										
	Adults										
pH	Acidobiontic										
	Acidophilous										
	Neutral										
	Alkaliphilous										
	Alkalibiontic										
	Indifferent	X									
Salinity	Polyhalobous										
	Euhalobous										
	Mesohalobous										
	Oligohalobous	X									
	Euryhalinous										
Nutrient	Eutrophic	X									
	Mesotrophic										
	Oligotrophic										
	Dystrophic	X									
Organic	Saprophilic										
	Facultative	X									
	Saproxenous										
	Saprophobic										
O_2	Euoxyphilous										
	Mesoxyphilous	X									
	Oligoxyphilous										
	Anoxyphilous										
Temp.	Euthermal										
	Mesothermal										
	Oligothermal										
	Stenothermal										
	Metathermal										
	Eurythermal	X									
Turbid.	Eulichotophilous										
	Mesolichtophilous	X									
	Polylichtophilous										
	Oligolichtophilous										
Current	Limnobiontic										
	Limnophilous	X									
	Indifferent										
	Rheophilous										
	Rheobiontic										
General Habitat	Marine										
	Estuary										
	Lake	X									
	Pond	X									
	River	X									
	Stream										
	Spring										
	Other										
Specific Habitat	Epibenthic	X									
	Embenthic										
	Epipelic										
	Epipsammic										
	Epilithic										
	Epixylous										
	Epizooic										
	Epiphytic										
	Attached										
	Unattached	X									
Emerg.	Winter	X									
	Spring	X									
	Summer	X									
	Autumn	X									
Feeding Behavior	Predator	X									
	Herbivore										
	Omnivore										
	Scavenger										
Geographical Distribution	Region I										
	Region II										
	Region III	X									
	Region IV	X									
	Region V										
	Region VI										
	Region VII										
	Region VIII										
	Region IX										
	Region X										

Taxon: Coalotanypus tricolor (Lowe)

	Source	1	11									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic		X									
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous		X									
	Anoxyphilous											
Temp.	Eutherma1											
	Mesothermal											
	Oligothermal		X									
	Stenothermal											
	Metathermal		X									
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic		X									
	Limnophilous	X										
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X	X									
	Pond											
	River	X										
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X	X									
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X									
Emerg.	Winter	X										
	Spring	X	X									
	Summer	X	X									
	Autumn	X										
Feeding Behavio	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI		X									
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Conchapelopia Fittkau

	Source	1									Consensus & Notes
Stage	Eggs										
	Larvae	X									
	Pupae										
	Adults										
pH	Acidobiontic										
	Acidophilous										
	Neutral										
	Alkaliphilous										
	Alkalibiontic										
	Indifferent	X									
Salinity	Polyhalobous										
	Euhalobous										
	Mesohalobous										
	Oligohalobous	X									
	Euryhalinous										
Nutrient	Eutrophic	X									
	Mesotrophic										
	Oligotrophic										
	Dystrophic	X									
Organic	Saprophilic										
	Facultative										
	Saproxenous										
	Saprophobic										
O_2	Euoxyphilous										
	Mesoxyphilous	X									
	Oligoxyphilous										
	Anoxyphilous										
Temp.	Euthermal										
	Mesothermal										
	Oligothermal										
	Stenothermal										
	Metathermal										
	Eurythermal	X									
Turbid.	Eulichtophilous										
	Mesolichtophilous	X									
	Polylichtophilous										
	Oligolichtophilous										
Current	Limnobiontic										
	Limnophilous										
	Indifferent										
	Rheophilous	X									
	Rheobiontic										
General Habitat	Marine										
	Estuary										
	Lake	X									
	Pond	X									
	River	X									
	Stream	X									
	Spring										
	Other										
Specific Habitat	Epibenthic										
	Embenthic										
	Epipelic										
	Epipsammic										
	Epilithic										
	Epixylous										
	Epizooic										
	Epiphytic	X									
	Attached										
	Unattached	X									
Emerg.	Winter	X									
	Spring	X									
	Summer	X									
	Autumn	X									
Feeding Behavior	Predator										
	Herbivore										
	Omnivore	X									
	Scavenger										
Geographical Distribution	Region I										
	Region II	X									
	Region III	X									
	Region IV	X									
	Region V	X									
	Region VI										
	Region VII	X									
	Region VIII	X									
	Region IX	X									
	Region X										

Taxon: Corynoneura taris Roback

	Source	1	4									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent		X									
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X	X									
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X	X									
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Eutharmal											
	Mesothermal	X	X									
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X	X									
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X	X									
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X	X									
	Stream	X	X									
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X	X									
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II	X										
	Region III	X	X									
	Region IV	X										
	Region V	X										
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Cricotopus sp. I (Back)*

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral	X										
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV											
	Region V	X										
	Region VI											
	Region VII	X										
	Region VIII	X										
	Region IX											
	Region X											

*This is a very distinctive species thus far unreared and unnamed. It shows promise as a useful addition to this compilation when identified.

Taxon: *Cricotopus belkini* Dendy & Sublette

		Source 11										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal	X										
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizoic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Cricotopus bicinctus (Meigen)

	Source	1	4	9	12	2	14	11	22	10		Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X	X	X	X		
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral								X			
	Alkaliphilous		X	X								
	Alkalibiontic									X		
	Indifferent	X			X	X	X					
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X	X	X	X		
	Euryhalinous											
Nutrient	Eutrophic	X					X		X			
	Mesotrophic	X				X		X		X		
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous						X		X	X		
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X		X	X	X	X			X		
	Oligoxyphilous							X	X			
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal				X				X	X		
	Oligothermal							X				
	Stenothermal					X						
	Metathermal		X					X	X	X		
	Eurythermal	X		X								
Turbid.	Eulichotophilous									X		
	Mesolichtophilous	X					X		X			
	Polylichtophilous				X	X						
	Oligolichtophilous											
Current	Limnobiontic			X	X			X	X			
	Limnophilous		X									
	Indifferent											
	Rheophilous											
	Rheobiontic	X			X		X			X		
General Habitat	Marine											
	Estuary											
	Lake				X			X				
	Pond		X						X			
	River	X	X		X		X					
	Stream	X	X							X		
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic									X		
	Epixylous											
	Epizooic											
	Epiphytic				X		X	X	X	X		
	Attached											
	Unattached	X			X		X	X	X	X		
Emerg.	Winter	X				X				X		
	Spring	X			X							
	Summer	X	X					X	X			
	Autumn	X						X		X		
Feeding Behavio	Predator											
	Herbivore	X							X			
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X	X	X								
	Region IV	X				X	X					
	Region V	X		X						X		
	Region VI				X			X				
	Region VII	X										
	Region VIII	X										
	Region IX								X			
	Region X											

Taxon: Cricotopus exilis Johannsen

	Source	24										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous	X										
	Mesoxyphilous											
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsabulic											
	Epilithic	X										
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator	X										
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Cricotopus fugax (Johannsen)

	Source	24										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous	X										
	Mesoxyphilous											
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic	X										
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator	X										
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Cricotopus politus (Coquillett)

	Source	11										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal	X										
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichtophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer											
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Cricotopus remus Sublette

	Source	1	4	9	12	11	26					Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X					
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous		X	X								
	Alkalibiontic											
	Indifferent	X			X		X					
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X					
	Euryhalinous											
Nutrient	Eutrophic	X					X					
	Mesotrophic	X				X						
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic						X					
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X		X	X							
	Oligoxyphilous					X	X					
	Anoxyphilous						X					
Temp.	Euthermal											
	Mesothermal				X		X					
	Oligothermal					X						
	Stenothermal											
	Metathermal		X			X						
	Eurythermal	X		X								
Turbid.	Eulichotophilous						X					
	Mesolichtophilous	X										
	Polylichtophilous				X							
	Oligolichtophilous											
Current	Limnobiontic			X	X	X	X					
	Limnophilous											
	Indifferent	X	X									
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X	X		X	X						
	Pond	X	X				X					
	River	X										
	Stream	X	X									
	Spring											
	Other											
Specific Habitat	Epibenthic					X						
	Embenthic						X					
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous	X										
	Epizooic											
	Epiphytic	X			X							
	Attached											
	Unattached	X			X	X	X					
Emerg.	Winter	X										
	Spring	X			X	X						
	Summer	X	X		X	X						
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II	X										
	Region III	X	X	X								
	Region IV	X										
	Region V	X		X								
	Region VI				X	X						
	Region VII						X					
	Region VIII	X										
	Region IX											
	Region X											

Taxon: Cricotopus sylvestris (Fabricius)

		Source 22										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral	X										
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator	X										
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: Cryptochironomus blarina (Townes)

	Source	1	9	11	28							Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X							
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous		X		X							
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X							
	Euryhalinous											
Nutrient	Eutrophic	X			X							
	Mesotrophic	X		X								
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X			X							
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X			X							
	Oligoxyphilous			X								
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal				X							
	Oligothermal			X								
	Stenothermal											
	Metathermal			X								
	Eurythermal	X	X		X							
Turbid.	Eulichotophilous											
	Mesolichtophilous	X			X							
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic			X								
	Limnophilous				X							
	Indifferent	X										
	Rheophilous											
	Rheobiontic		X									
General Habitat	Marine											
	Estuary											
	Lake	X		X								
	Pond				X							
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic				X							
	Embenthic	X		X								
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X		X	X							
Emerg.	Winter	X										
	Spring	X			X							
	Summer	X		X	X							
	Autumn	X										
Feeding Behavior	Predator	X										
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X			X							
	Region V	X	X									
	Region VI			X								
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: **Cryptochironomus curtilamellatus Malloch**

	Source	11										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal	X										
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Cryptochironomus fulvus (Johannsen)

	Source	1	4	9	12	11	22	28	8			Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X	X	X			
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral						X					
	Alkaliphilous							X	X			
	Alkalibiontic											
	Indifferent	X	X	X	X							
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X	X	X			
	Euryhalinous											
Nutrient	Eutrophic	X					X	X				
	Mesotrophic	X				X			X			
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative	X										
	Saproxenous						X	X				
	Saprophobic								X			
O_2	Euoxyphilous											
	Mesoxyphilous	X		X	X			X	X			
	Oligoxyphilous					X	X					
	Anoxyphilous	X										
Temp.	Euthermal											
	Mesothermal				X		X	X	X			
	Oligothermal					X						
	Stenothermal											
	Metathermal		X			X	X	X				
	Eurythermal	X		X								
Turbid.	Eulichotophilous								X			
	Mesolichtophilous	X					X	X	X			
	Polylichtophilous				X							
	Oligolichtophilous											
Current	Limnobiontic			X	X	X	X	X				
	Limnophilous											
	Indifferent	X	X									
	Rheophilous											
	Rheobiontic								X			
General Habitat	Marine											
	Estuary											
	Lake	X			X	X						
	Pond	X	X				X	X				
	River	X										
	Stream	X	X						X			
	Spring											
	Other											
Specific Habitat	Epibenthic							X				
	Embenthic	X			X	X	X		X			
	Epipelic											
	Epissabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X			X	X	X	X	X			
Emerg.	Winter	X										
	Spring	X			X	X		X				
	Summer	X	X		X	X	X	X				
	Autumn	X			X			X				
Feeding Behavior	Predator	X										
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X	X	X								
	Region IV	X						X				
	Region V	X		X					X			
	Region VI				X	X						
	Region VII											
	Region VIII	X										
	Region IX						X					
	Region X											

Taxon: Cryptocladopelma Lenz

		Source 14										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Cryptotendipes Lens

	Source	14										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Cryptotendipes casuarius (Townes)

		Source 33										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous	X										
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer											
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Cryptotendipes darbyi Sublette

	Source	22	Concensus & Notes
Stage	Eggs		
	Larvae	X	
	Pupae		
	Adults		
pH	Acidobiontic		
	Acidophilous		
	Neutral	X	
	Alkaliphilous		
	Alkalibiontic		
	Indifferent		
Salinity	Polyhalobous		
	Euhalobous		
	Mesohalobous		
	Oligohalobous	X	
	Euryhalinous		
Nutrient	Eutrophic	X	
	Mesotrophic		
	Oligotrophic		
	Dystrophic		
Organic	Saprophilic		
	Facultative		
	Saproxenous	X	
	Saprophobic		
O_2	Euoxyphilous		
	Mesoxyphilous		
	Oligoxyphilous	X	
	Anoxyphilous		
Temp.	Euthermal		
	Mesothermal	X	
	Oligothermal		
	Stenothermal		
	Metathermal	X	
	Eurythermal		
Turbid.	Eulichtophilous		
	Mesolichtophilous	X	
	Polylichtophilous		
	Oligolichtophilous		
Current	Limnobiontic	X	
	Limnophilous		
	Indifferent		
	Rheophilous		
	Rheobiontic		
General Habitat	Marine		
	Estuary		
	Lake		
	Pond	X	
	River		
	Stream		
	Spring		
	Other		
Specific Habitat	Epibenthic		
	Embenthic	X	
	Epipelic		
	Episabulic		
	Epilithic		
	Epixylous		
	Epizooic		
	Epiphytic		
	Attached		
	Unattached	X	
Emerg.	Winter		
	Spring		
	Summer	X	
	Autumn		
Feeding Behavior	Predator		
	Herbivore		
	Omnivore		
	Scavenger		
Geographical Distribution	Region I		
	Region II		
	Region III		
	Region IV		
	Region V		
	Region VI		
	Region VII		
	Region VIII		
	Region IX	X	
	Region X		

Taxon: Cryptotendipes emorsus (Townes)

		Source 28										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsamulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring	X										
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Demeijerea atrimanus (Coquillett)

	Source	28										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsamulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Demeijerea brachialis (Coquillett)

		Source 28										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizoic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Demicryptochironomus vulneratus (Zetterstedt)

	Source	14										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Diamesa nivoriunda (Fitch)

	Source	24										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous	X										
	Mesoxyphilous											
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsamolic											
	Epilithic	X										
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator	X										
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Diamesa spinacies Saether

	Source	1										Consensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral	X										
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous	X										
	Mesoxyphilous											
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsamulic											
	Epilithic	X										
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII	X										
	Region IX											
	Region X											

Taxon: Dicrotendipes californicus (Johannsen)

		Source 22										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral	X										
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epiambulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: Dicrotendipes fumidus Johannsen

		Source 11										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X.										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal	X										
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Dicrotendipes incurvus (Sublette)

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic	X										
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond	X										
	River											
	Stream											
	Spring											
	Other	X										Roadside ditch
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer											
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Dicrotendipes leucoscelis (Townes)

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous	X										
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Dicrotendipes lobus (E.C. Beck)

		Source 1										Consensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichtophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring	X										
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Dicrotendipes modestus (Say)

	Source	1	4	9	12	11	22	28				Consensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X	X				
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral						X					
	Alkaliphilous							X				
	Alkalibiontic											
	Indifferent	X	X	X	X							
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous	X										
	Oligohalobous	X	X	X	X	X	X	X				
	Euryhalinous											
Nutrient	Eutrophic	X					X	X				
	Mesotrophic	X				X						
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X					X	X				
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X			X			X				
	Oligoxyphilous					X	X					
	Anoxyphilous											
Temp.	Eutharmal											
	Mesothermal				X		X	X				
	Oligothermal					X						
	Stenothermal											
	Metathermal		X			X	X					
	Eurythermal	X		X				X				
Turbid.	Eulichotophilous											
	Mesolichtophilous	X					X	X				
	Polylichtophilous				X							
	Oligolichtophilous											
Current	Limnobiontic				X	X	X	X				
	Limnophilous											
	Indifferent	X	X									
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary	X										
	Lake	X	X		X	X						
	Pond						X	X				
	River	X	X									
	Stream		X									
	Spring											
	Other											
Specific Habitat	Epibenthic	X			X		X	X				
	Embenthic					X						
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous	X										
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X			X	X	X	X				
Emerg.	Winter	X						X				
	Spring	X					X	X				
	Summer	X	X		X	X	X	X				
	Autumn	X						X				
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X	X	X								
	Region IV	X						X				
	Region V											
	Region VI				X	X						
	Region VII											
	Region VIII											
	Region IX						X					
	Region X											

Taxon: Dicrotendipes neomodestus Malloch

	Source	11										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal	X										
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Dicrotendipes nervosus (Staeger)

	Source	1	9	12	11	22	28					Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X					
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral					X						
	Alkaliphilous		X				X					
	Alkalibiontic			X								
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X					
	Euryhalinous											
Nutrient	Eutrophic	X				X	X					
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X				X	X					
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X		X			X					
	Oligoxyphilous				X	X						
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal			X		X	X					
	Oligothermal				X							
	Stenothermal											
	Metathermal				X	X						
	Eurythermal	X	X				X					
Turbid.	Eulichotophilous											
	Mesolichtophilous	X				X	X					
	Polylichtophilous			X								
	Oligolichtophilous											
Current	Limnobiontic			X	X	X	X					
	Limnophilous											
	Indifferent											
	Rheophilous	X										
	Rheobiontic		X									
General Habitat	Marine											
	Estuary											
	Lake	X	X	X								
	Pond				X	X						
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic	X	X		X	X						
	Embenthic			X								
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X	X	X	X						
Emerg.	Winter	X				X						
	Spring	X	X			X						
	Summer	X	X	X	X	X						
	Autumn	X	X			X						
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X				X						
	Region V	X										
	Region VI		X	X								
	Region VII											
	Region VIII											
	Region IX				X							
	Region X											

Taxon: **Einfeldia austeni Beck & Beck**

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous	X										
	Oligohalobous											
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative	X										
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichtophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous	X										
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary	X										
	Lake											
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Epipsamulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Einfeldia brunneipennis Johannsen

	Source	11										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Einfeldia natchitocheae (Sublette)

	Source	1	12									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X	X									
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative	X										
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous		X									
	Oligolichtophilous											
Current	Limnobiontic		X									
	Limnophilous											
	Indifferent	X										
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X	X									
	Pond	X										
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X	X									
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X									
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X	X									
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X										
	Region V											
	Region VI		X									
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Endochironomus nigricans (Johannsen)

	Source	1	4	9	12	2	18	11	22	28	8	Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X	X	X	X	X	
	Pupae											
	Adults											
pH	Acidobiontic						X					
	Acidophilous		X									
	Neutral								X	X		
	Alkaliphilous										X	
	Alkalibiontic											
	Indifferent	X		X	X	X						
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X	X	X	X	X	
	Euryhalinous											
Nutrient	Eutrophic	X					X		X	X		
	Mesotrophic	X				X		X			X	
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative						X					
	Saproxenous	X							X	X		
	Saprophobic										X	
O_2	Euoxyphilous											
	Mesoxyphilous	X		X	X	X	X			X	X	
	Oligoxyphilous							X	X			
	Anoxyphilous						X					
Temp.	Euthermal											
	Mesothermal				X		X		X	X	X	
	Oligothermal							X				
	Stenothermal											
	Metathermal							X	X			
	Eurythermal	X		X		X	X			X	X	
Turbid.	Eulichotophilous											
	Mesolichtophilous	X					X		X	X	X	
	Polylichtophilous				X	X						
	Oligolichtophilous											
Current	Limnobiontic		X		X		X	X	X	X		
	Limnophilous	X										
	Indifferent			X								
	Rheophilous											
	Rheobiontic					X					X	
General Habitat	Marine											
	Estuary											
	Lake	X	X		X			X				
	Pond	X					X		X	X		
	River	X				X						
	Stream										X	
	Spring											
	Other											
Specific Habitat	Epibenthic				X				X	X	X	
	Embenthic						X	X				
	Epipelic											
	Episambulic											
	Epilithic											
	Epixylous											
	Epizoic											
	Epiphytic	X										
	Attached											
	Unattached	X			X		X	X	X	X	X	
Emerg.	Winter	X			X	X	X			X		
	Spring	X			X		X	X		X		
	Summer	X	X		X	X	X	X	X	X		
	Autumn				X	X	X					
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X	X	X								
	Region IV	X				X				X		
	Region V	X		X			X				X	
	Region VI				X			X				
	Region VII											
	Region VIII	X										
	Region IX								X			
	Region X											

Taxon: Epoicocladius flavens (Malloch)

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal	X										
	Stenothermal											
	Metathermal											
	Eurythermal											
Turbid.	Eulichtophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous	X										
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River	X										
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic	X										
	Epiphytic											
	Attached	X										This species lives attached to burrowing mayflies.
	Unattached											
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII	X										
	Region VIII	X										
	Region IX											
	Region X											

Taxon: Buhiefferialla sp. Florida

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Eukiefferiella coerulescens group

		Source 1									Consensus & Notes
Stage	Eggs										
	Larvae	X									
	Pupae										
	Adults										
pH	Acidobiontic										
	Acidophilous										
	Neutral										
	Alkaliphilous										
	Alkalibiontic										
	Indifferent	X									
Salinity	Polyhalobous										
	Euhalobous										
	Mesohalobous										
	Oligohalobous	X									
	Euryhalinous										
Nutrient	Eutrophic										
	Mesotrophic	X									
	Oligotrophic	X									
	Dystrophic	X									
Organic	Saprophilic										
	Facultative										
	Saproxenous										
	Saprophobic	X									
O_2	Euoxyphilous										
	Mesoxyphilous	X									
	Oligoxyphilous										
	Anoxyphilous										
Temp.	Euthermal										
	Mesothermal										
	Oligothermal										
	Stenothermal										
	Metathermal	X									
	Eurythermal										
Turbid.	Eulichotophilous										
	Mesolichtophilous	X									
	Polylichtophilous										
	Oligolichtophilous										
Current	Limnobiontic										
	Limnophilous										
	Indifferent										
	Rheophilous										
	Rheobiontic	X									
General Habitat	Marine										
	Estuary										
	Lake										
	Pond										
	River	X									
	Stream	X									
	Spring										
	Other										
Specific Habitat	Epibenthic	X									
	Embenthic										
	Epipelic										
	Episabulic										
	Epilithic										
	Epixylous										
	Epizooic										
	Epiphytic										
	Attached										
	Unattached	X									
Emerg.	Winter	X									
	Spring	X									
	Summer										
	Autumn										
Feeding Behavior	Predator										
	Herbivore										
	Omnivore										
	Scavenger										
Geographical Distribution	Region I										
	Region II										
	Region III										
	Region IV	X									
	Region V										
	Region VI										
	Region VII										
	Region VIII	X									
	Region IX										
	Region X										

Taxon: Glyptotendipes barbipes (Staeger)

	Source	19	21	25	26	29						Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X						
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X	X	X	X	X						
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X						
	Euryhalinous											
Nutrient	Eutrophic	X	X	X	X	X						
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic			X	X							
	Facultative	X	X									
	Saproxenous					X						
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous					X						
	Oligoxyphilous	X	X	X	X							
	Anoxyphilous	X		X	X	X						
Temp.	Euthermal											
	Mesothermal		X	X	X	X						
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal		X	X	X	X						
Turbid.	Eulichotophilous											
	Mesolichtophilous			X	X							
	Polylichtophilous	X	X			X						
	Oligolichtophilous											
Current	Limnobiontic	X	X	X	X	X						
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X	X	X	X	X						
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X	X	X	X	X						
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X	X	X	X						
Emerg.	Winter											
	Spring	X										
	Summer	X										
	Autumn											
Feeding Behavior	Predator		X									
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII			X	X							
	Region VIII											
	Region IX		X			X						
	Region X	X										

Taxon: Glyptotendipes lobiferus (Say)

	Source	1	9	12	2	18	11	22	8			Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X	X	X			
	Pupae											
	Adults											
pH	Acidobiontic					X						
	Acidophilous											
	Neutral							X				
	Alkaliphilous		X						X			
	Alkalibiontic			X	X							
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X	X	X			
	Euryhalinous											
Nutrient	Eutrophic	X				X		X				
	Mesotrophic	X			X				X			
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative	X				X						
	Saproxenous								X			
	Saprophobic							X				
O_2	Euoxyphilous											
	Mesoxyphilous	X	X	X	X	X			X			
	Oligoxyphilous						X	X				
	Anoxyphilous	X				X						
Temp.	Euthermal											
	Mesothermal			X		X		X	X			
	Oligothermal						X					
	Stenothermal											
	Metathermal						X	X				
	Eurythermal	X	X		X				X			
Turbid.	Eulichotophilous											
	Mesolichtophilous					X		X	X			
	Polylichtophilous	X		X	X							
	Oligolichtophilous											
Current	Limnobiontic		X	X		X	X	X				
	Limnophilous	X										
	Indifferent											
	Rheophilous				X							
	Rheobiontic								X			
General Habitat	Marine											
	Estuary											
	Lake	X		X			X					
	Pond	X				X		X				
	River	X			X							
	Stream	X							X			
	Spring											
	Other											
Specific Habitat	Epibenthic							X				
	Embenthic	X		X	X	X	X		X			
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic					X		X				
	Attached											
	Unattached	X		X	X	X	X	X	X			
Emerg.	Winter	X				X	X					
	Spring	X		X		X	X					
	Summer	X		X	X	X	X	X				
	Autumn	X		X		X	X					
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X			X							
Geographical Distribution	Region I											
	Region II	X										
	Region III	X										
	Region IV	X			X							
	Region V	X	X			X			X			
	Region VI			X			X					
	Region VII											
	Region VIII											
	Region IX							X				
	Region X											

Taxon: Glyptotendipes meridionalis Dendy & Sublette

	Source	12	11	26	28							Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X							
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous				X							
	Alkalibiontic											
	Indifferent	X		X								
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X							
	Euryhalinous											
Nutrient	Eutrophic			X	X							
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic			X								
	Facultative											
	Saproxenous				X							
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X			X							
	Oligoxyphilous		X	X								
	Anoxyphilous			X								
Temp.	Euthermal											
	Mesothermal			X	X							
	Oligothermal		X									
	Stenothermal											
	Metathermal		X									
	Eurythermal	X		X	X							
Turbid.	Eulichotophilous											
	Mesolichtophilous	X		X	X							
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X	X	X	X							
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X	X									
	Pond			X	X							
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic				X							
	Embenthic	X	X	X								in clay.
	Epipelic											
	Epipsamulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X	X	X							
Emerg.	Winter		X									
	Spring	X	X		X							
	Summer	X	X		X							
	Autumn	X	X		X							
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV				X							
	Region V											
	Region VI	X	X									
	Region VII			X								
	Region VIII											
	Region IX											
	Region X											

Taxon: Glyptotendipes paripes (Edwards)

	Source	1	9	28								Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X								
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous			X								
	Alkalibiontic											
	Indifferent	X	X									
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X								
	Euryhalinous											
Nutrient	Eutrophic	X		X								
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative	X										
	Saproxenous			X								
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X		X								
	Oligoxyphilous											
	Anoxyphilous	X										
Temp.	Euthermal											
	Mesothermal			X								
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X	X	X								
Turbid.	Eulichotophilous											
	Mesolichtophilous			X								
	Polylichtophilous	X										
	Oligolichtophilous											
Current	Limnobiontic		X	X								
	Limnophilous	X										
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond	X		X								
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic			X								
	Embenthic	X										
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X		X								
Emerg.	Winter	X										
	Spring	X		X								
	Summer	X		X								
	Autumn	X		X								
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X	X	X								
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: **Goeldichironomus holoprasinus (Goeldi)**

	Source	1	12	14	21	25	26	28				Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X	X				
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous							X				
	Alkalibiontic											
	Indifferent	X	X	X	X	X	X					
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X	X				
	Euryhalinous											
Nutrient	Eutrophic	X		X	X	X	X	X				
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic					X	X					
	Facultative	X		X	X							
	Saproxenous							X				
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous		X	X				X				
	Oligoxyphilous	X			X	X	X					
	Anoxyphilous					X	X					
Temp.	Euthermal											
	Mesothermal		X		X	X	X	X				
	Oligothermal											
	Stenothermal											
	Metathermal							X				
	Eurythermal	X			X	X	X					
Turbid.	Eulichotophilous											
	Mesolichtophilous	X		X		X	X	X				
	Polylichtophilous		X		X							
	Oligolichtophilous											
Current	Limnobiontic		X		X	X	X	X				
	Limnophilous	X										
	Indifferent			X								
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X	X									
	Pond	X			X	X	X	X				
	River	X		X								
	Stream	X		X								
	Spring											
	Other	X										Tree holes.
Specific Habitat	Epibenthic							X				
	Embenthic	X	X	X	X	X	X					
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X	X	X	X	X	X				
Emerg.	Winter	X										
	Spring	X										
	Summer	X						X				
	Autumn	X	X					X				
Feeding Behavior	Predator				X							
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X		X				X				
	Region V											
	Region VI		X									
	Region VII					X	X					
	Region VIII											
	Region IX				X							
	Region X											

Taxon: Guttipelopia currani Beck & Beck

		Source										Concensus & Notes
		1	7									
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X	X									
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic	X	X									
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X	X									
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X	X									
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X	X									
Turbid.	Eulichotophilous	X	X									
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous	X										
	Indifferent		X									
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X	X									
	Pond	X										
	River											
	Stream	X	X									
	Spring											
	Other	X	X									Swamp.
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X	X									
	Attached											
	Unattached	X	X									
Emerg.	Winter	X	X									
	Spring	X	X									
	Summer	X	X									
	Autumn	X										
Feeding Behavior	Predator		X									
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X	X									
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Harnischia amachaerus (Townes)

	Source	1	4	Concensus & Notes
Stage	Eggs			
	Larvae	X	X	
	Pupae			
	Adults			
pH	Acidobiontic			
	Acidophilous		X	
	Neutral			
	Alkaliphilous			
	Alkalibiontic			
	Indifferent	X		
Salinity	Polyhalobous			
	Euhalobous			
	Mesohalobous			
	Oligohalobous	X	X	
	Euryhalinous			
Nutrient	Eutrophic	X		
	Mesotrophic			
	Oligotrophic			
	Dystrophic	X		
Organic	Saprophilic			
	Facultative			
	Saproxenous	X		
	Saprophobic			
O_2	Euoxyphilous			
	Mesoxyphilous	X		
	Oligoxyphilous			
	Anoxyphilous			
Temp.	Euthermal			
	Mesothermal			
	Oligothermal			
	Stenothermal		X	
	Metathermal			
	Eurythermal	X		
Turbid.	Eulichotophilous	X		
	Mesolichtophilous			
	Polylichtophilous			
	Oligolichtophilous			
Current	Limnobiontic			
	Limnophilous	X		
	Indifferent		X	
	Rheophilous			
	Rheobiontic			
General Habitat	Marine			
	Estuary			
	Lake	X		
	Pond	X	X	
	River	X		
	Stream	X	X	
	Spring			
	Other			
Specific Habitat	Epibenthic			
	Embenthic			
	Epipelic			
	Epipsammic			
	Epilithic			
	Epixylous			
	Epizooic			
	Epiphytic	X		
	Attached			
	Unattached	X		
Emerg.	Winter	X		
	Spring	X		
	Summer	X	X	
	Autumn	X		
Feeding Behavior	Predator			
	Herbivore	X		
	Omnivore			
	Scavenger			
Geographical Distribution	Region I			
	Region II			
	Region III		X	
	Region IV	X		
	Region V			
	Region VI			
	Region VII			
	Region VIII			
	Region IX			
	Region X			

Taxon: Harnischia boydi (Beck)

		Source 1										Consensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichtophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous	X										
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond	X										
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Harnischia edwardsi (Kruseman)

	Source	27	28									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X	X									
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic		X									
	Mesotrophic											
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous		X									
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X	X									
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal		X									
Turbid.	Eulichotophilous											
	Mesolichtophilous		X									
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic		X									
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond		X									
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic		X									
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached		X									
Emerg.	Winter											
	Spring											
	Summer	X	X									
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV		X									
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: Harnischia galeator (Townes)

	Source	1	12	11	28							Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X							
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous				X							
	Alkalibiontic											
	Indifferent	X	X									
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X		X	X							
	Euryhalinous											
Nutrient	Eutrophic	X			X							
	Mesotrophic			X								
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X			X							
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X		X							
	Oligoxyphilous			X								
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X		X							
	Oligothermal			X								
	Stenothermal											
	Metathermal			X								
	Eurythermal	X			X							
Turbid.	Eulichotophilous											
	Mesolichtophilous	X			X							
	Polylichtophilous		X									
	Oligolichtophilous											
Current	Limnobiontic		X	X	X							
	Limnophilous	X										
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X	X	X								
	Pond	X			X							
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic	X			X							
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic		X	X								
	Attached											
	Unattached	X	X	X	X							
Emerg.	Winter	X										
	Spring	X			X							
	Summer	X	X	X								
	Autumn	X	X									
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X			X							
	Region V											
	Region VI		X	X								
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Harnischia viridulus (Linnaeus)

	Source	11	28									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous		X									
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic		X									
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous		X									
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X	X									
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal	X										
	Stenothermal											
	Metathermal	X	X									
	Eurythermal											
Turbid.	Eulichtophilous											
	Mesolichtophilous		X									
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X	X									
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond		X									
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic		X									
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X	X									
Emerg.	Winter											
	Spring	X										
	Summer	X	X									
	Autumn		X									
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV		X									
	Region V	X										
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Heterotrissocladius Sparck

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichtophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous	X										
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Kiefferulus dux (Johannsen)

	Source	1	9	14	11	8						Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X						
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous		X			X						
	Alkalibiontic											
	Indifferent			X								
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X						
	Euryhalinous											
Nutrient	Eutrophic	X		X								
	Mesotrophic				X	X						
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative	X		X								
	Saproxenous					X						
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous		X	X		X						
	Oligoxyphilous	X			X							
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal					X						
	Oligothermal				X							
	Stenothermal											
	Metathermal				X							
	Eurythermal	X	X			X						
Turbid.	Eulichotophilous											
	Mesolichtophilous	X		X		X						
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X			X							
	Limnophilous											
	Indifferent		X									
	Rheophilous			X								
	Rheobiontic					X						
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond	X			X							
	River											
	Stream	X		X		X						
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X		X	X	X						
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X		X	X	X						
Emerg.	Winter	X										
	Spring	X										
	Summer	X			X							
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X		X								
	Region V		X			X						
	Region VI				X							
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Krenosmittia Thienemann

	Source	1									Concensus & Notes
Stage	Eggs										
	Larvae	X									
	Pupae										
	Adults										
pH	Acidobiontic										
	Acidophilous	X									
	Neutral										
	Alkaliphilous										
	Alkalibiontic										
	Indifferent										
Salinity	Polyhalobous										
	Euhalobous										
	Mesohalobous										
	Oligohalobous	X									
	Euryhalinous										
Nutrient	Eutrophic										
	Mesotrophic	X									
	Oligotrophic										
	Dystrophic	X									
Organic	Saprophilic										
	Facultative										
	Saproxenous										
	Saprophobic	X									
O_2	Euoxyphilous										
	Mesoxyphilous	X									
	Oligoxyphilous										
	Anoxyphilous										
Temp.	Euthermal										
	Mesothermal										
	Oligothermal										
	Stenothermal										
	Metathermal										
	Eurythermal	X									
Turbid.	Eulichotophilous	X									
	Mesolichtophilous										
	Polylichtophilous										
	Oligolichtophilous										
Current	Limnobiontic										
	Limnophilous										
	Indifferent										
	Rheophilous										
	Rheobiontic	X									
General Habitat	Marine										
	Estuary										
	Lake										
	Pond										
	River										
	Stream	X									
	Spring										
	Other										
Specific Habitat	Epibenthic										
	Embenthic										
	Epipelic										
	Epipsamulic										
	Epilithic										
	Epixylous										
	Epizooic										
	Epiphytic	X									
	Attached										
	Unattached	X									
Emerg.	Winter										
	Spring										
	Summer	X									
	Autumn	X									
Feeding Behavior	Predator										
	Herbivore	X									
	Omnivore										
	Scavenger										
Geographical Distribution	Region I										
	Region II										
	Region III										
	Region IV	X									
	Region V										
	Region VI										
	Region VII										
	Region VIII										
	Region IX										
	Region X										

Taxon: Labrundinia becki Roback

		Source 7										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichtophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Labrundinia floridana Beck & Beck

	Source	1	7									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous		X									
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic	X	X									
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X	X									
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic		X									
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X	X									
Turbid.	Eulichotophilous		X									
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent	X										
	Rheophilous		X									
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond		X									
	River	X										
	Stream	X	X									
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X	X									
	Attached											
	Unattached		X									
Emerg.	Winter	X	X									
	Spring	X	X									
	Summer	X	X									
	Autumn	X	X									
Feeding Behavior	Predator											
	Herbivore		X									
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X	X									
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Labrundinia johannseni Beck & Beck

	Source	1	7									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous		X									
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic	X	X									
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X	X									
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic		X									
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal		X									
	Stenothermal											
	Metathermal		X									
	Eurythermal	X										
Turbid.	Eulichotophilous		X									
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic		X									
	Limnophilous											
	Indifferent	X										
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond		X									
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X	X									
	Attached											
	Unattached		X									
Emerg.	Winter	X	X									
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore	X	X									
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X	X									
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Labrundinia neopilosella Beck & Beck

	Source	14	7									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous		X									
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic		X									
	Mesotrophic											
	Oligotrophic											
	Dystrophic		X									
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X	X									
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal		X									
Turbid.	Eulichotophilous											
	Mesolichtophilous	X	X									
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous		X									
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond		X									
	River	X										
	Stream											
	Spring											
	Other		X									
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X	X									
	Attached											
	Unattached	X	X									
Emerg.	Winter		X									
	Spring		X									
	Summer		X									
	Autumn											
Feeding Behavior	Predator											
	Herbivore		X									
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X	X									
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Labrundinia pilosella (Loew)

	Source	12	13	28								Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X								
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous			X								
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X								
	Euryhalinous											
Nutrient	Eutrophic		X	X								
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous			X								
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X	X								
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal			X								
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X		X								
Turbid.	Eulichotophilous											
	Mesolichtophilous	X		X								
	Polylichtophilous		X									
	Oligolichtophilous											
Current	Limnobiontic	X		X								
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic		X									
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond			X								
	River		X									
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic			X								
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X		X								
Emerg.	Winter											
	Spring	X										
	Summer	X		X								
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV			X								
	Region V		X									
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Labrundinia virescens Beck & Beck

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous	X										
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached											
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Larsia decolorata (Malloch)

	Source	11	6									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X	X									
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous		X									
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal	X										
	Stenothermal											
	Metathermal	X										
	Eurythermal		X									
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic		X									
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream		X									
	Spring											
	Other											
Specific Habitat	Epibenthic	X	X									
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X									
Emerg.	Winter											
	Spring	X										
	Summer	X	X									
	Autumn	X										
Feeding Behavior	Predator		X									
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V		X									
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Lauterborniella agrayloides (Kieffer)

		Source 27										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichtophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached											
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: Lauterborniella varipennis (Coquillett)

	Source	1	4	9	12	28						Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X						
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X	X									
	Neutral											
	Alkaliphilous					X						
	Alkalibiontic											
	Indifferent			X	X							
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X						
	Euryhalinous											
Nutrient	Eutrophic					X						
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X				X						
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X			X	X						
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal				X	X						
	Oligothermal											
	Stenothermal											
	Metathermal		X									
	Eurythermal	X		X		X						
Turbid.	Eulichotophilous											
	Mesolichtophilous	X				X						
	Polylichtophilous				X							
	Oligolichtophilous											
Current	Limnobiontic		X	X	X	X						
	Limnophilous	X										
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X		X								
	Pond	X	X		X							
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic				X							
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X		X								
	Attached	X		X								
	Unattached				X							
Emerg.	Winter	X										
	Spring	X										
	Summer	X	X	X	X							
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III		X									
	Region IV	X			X							
	Region V											
	Region VI			X								
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Leptochironomus nigrovittatus (Malloch)

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous	X										
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River	X										
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Lobodiamesa Pagast

	Source	1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous	X										
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic	X										
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring	X										
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X										
	Region V											
	Region VI											
	Region VII	X										
	Region VIII											
	Region IX											
	Region X											

Taxon: Macropelopia decedens (Walker)

	Source	3	1									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic	X										
	Acidophilous		X									
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic		X									
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X	X									
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal											
	Stenothermal	X										
	Metathermal											
	Eurythermal		X									
Turbid.	Eulichotophilous	X	X									
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous	X										
	Rheobiontic		X									
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream		X									
	Spring	X										
	Other											
Specific Habitat	Epibenthic	X	X									
	Embenthic											
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X									
Emerg.	Winter		X									
	Spring		X									
	Summer	X	X									
	Autumn	X	X									
Feeding Behavior	Predator	X	X									
	Herbivore											
	Omnivore		X									
	Scavenger											
Geographical Distribution	Region I	X										
	Region II											
	Region III											
	Region IV		X									
	Region V											
	Region VI											
	Region VII											
	Region VIII		X									
	Region IX											
	Region X											

Taxon: Macropelopia hirtipennis (Loew)

	Source	6										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent	X										
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator	X										
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V	X										
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Metriocnemus abdomino-flavatus Picado

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic	X										
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream											
	Spring											Inhabits water in the axils
	Other	X										of *Tillandsia utriculata.*
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring	X										
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Metriocnemus hamatus Johannsen

	Source	3										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal	X										
	Metathermal											
	Eurythermal											
Turbid.	Eulichotophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous	X										
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream											
	Spring	X										
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer											
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I	X										
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Metriocnemus knabi (Coquillett)

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic	X										
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											Inhabits water in the pitchers of Sarracenia purpurea.
	Estuary											
	Lake											
	Pond											
	River											
	Stream											
	Spring											
	Other	X										
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Micropsactra Kieffer

	Source	1	6	2								Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X								
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous		X									
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X		X								
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X								
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X	X	X								
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X	X	X								
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal		X	X								
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous			X								
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X	X	X								
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X	X	X								
	Spring											
	Other											
Specific Habitat	Epibenthic	X	X									
	Embenthic											
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic			X								
	Attached											
	Unattached	X		X								
Emerg.	Winter	X										
	Spring	X		X								
	Summer	X	X									
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X		X								
	Region V		X									
	Region VI											
	Region VII	X										
	Region VIII											
	Region IX											
	Region X											

Taxon: *Micropsectra dives* (Johannsen)

	Source	3	6									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent		X									
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic		X									
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal	X										
	Metathermal											
	Eurythermal		X									
Turbid.	Eulichotophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous	X	X									
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream		X									
	Spring	X										
	Other											
Specific Habitat	Epibenthic	X	X									
	Embenthic											
	Epipelic											
	Epiasbulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X									
Emerg.	Winter											
	Spring											
	Summer	X	X									
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I	X										
	Region II											
	Region III											
	Region IV											
	Region V		X									
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Micropsectra dubia (Malloch)

		Source 28										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring	X										
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Micropsectra nigripila (Johannsen)

	Source	11	22	25	26	8	10					Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X					
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous					X						
	Neutral		X									
	Alkaliphilous						X					
	Alkalibiontic											
	Indifferent			X	X							
Salinity	Polyhaloboua											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X					
	Euryhalinous											
Nutrient	Eutrophic		X	X	X							
	Mesotrophic	X				X	X					
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic			X	X							
	Facultative											
	Saproxenous		X									
	Saprophobic					X	X					
O_2	Euoxyphilous											
	Mesoxyphilous					X	X					
	Oligoxyphilous	X	X	X	X							
	Anoxyphilous			X	X							
Temp.	Euthermal											
	Mesothermal		X	X	X	X	X					
	Oligothermal	X										
	Stenothermal											
	Metathermal	X	X									
	Eurythermal			X	X	X	X					
Turbid.	Eulichotophilous											
	Mesolichtophilous		X	X	X	X	X					
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X	X	X	X							
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic					X	X					
General Habitat	Marine											
	Estuary											
	Lake	X	X									
	Pond			X	X							
	River											
	Stream					X	X					
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X	X	X	X	X	X					
	Epipelic											
	Epiambulic											
	Epilithic											
	Epixylous											
	Epizoic											
	Epiphytic											
	Attached											
	Unattached	X	X	X	X	X	X					
Emerg.	Winter						X					
	Spring											
	Summer		X									
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V					X	X					
	Region VI	X										
	Region VII			X	X							
	Region VIII											
	Region IX		X									
	Region X											

Taxon: Micropsectra polita (Malloch)

	Source	27										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichtophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached											
Emerg.	Winter											
	Spring	X										
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: Microtendipes pedellus (De Geer)

	Source	14	8	10								Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X								
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous		X	X								
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X								
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic		X	X								
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous		X									
	Saprophobic	X		X								
O_2	Euoxyphilous											
	Mesoxyphilous	X	X	X								
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X	X								
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal		X	X								
Turbid.	Eulichotophilous											
	Mesolichtophilous	X	X	X								
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X	X	X								
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X	X	X								
	Spring											
	Other											
Specific Habitat	Epibenthic	X	X	X								
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X	X								
Emerg.	Winter			X								
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V		X	X								
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Monopelopia boliekae Beck & Beck

	Source	7	1									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral	X	X									
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic	X	X									
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X	X									
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X	X									
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X	X									
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X	X									
Turbid.	Eulichotophilous	X	X									
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X	X									
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X	X									
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X	X									
	Attached											
	Unattached	X	X									
Emerg.	Winter	X	X									
	Spring	X	X									
	Summer	X	X									
	Autumn											
Feeding Behavior	Predator											
	Herbivore	X	X									
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X	X									
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Monopelopia tillandsia Beck & Beck

	Source	1	7									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic	X	X									
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic	X	X									
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X	X									
Organic	Saprophilic	X										
	Facultative		X									
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous		X									
	Oligoxyphilous		X									
	Anoxyphilous	X										
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal											
	Stenothermal											
	Metathermal	X	X									
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous	X	X									
Current	Limnobiontic	X	X									
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream											
	Spring											
	Other	X	X									Pitcher plant, Tillandsia utriculata.
Specific Habitat	Epibenthic		X									
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous	X										
	Epizooic											
	Epiphytic											
	Attached											
	Unattached		X									
Emerg.	Winter											
	Spring		X									
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X	X									
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X	X									
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Nanocladius alternantherae Dendy & Sublette

	Source	12	28									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous		X									
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic		X									
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous		X									
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X	X									
Turbid.	Eulichotophilous											
	Mesolichtophilous	X	X									
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X	X									
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond		X									
	River	X										
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X	X									
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X	X									
Emerg.	Winter	X										
	Spring	X										
	Summer	X	X									
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV		X									
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Natarsia fastuosa (Johannsen)

		Source										Concensus & Notes
		30										
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer											
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V	X										
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Nilodorum deveineyae (Beck)

		Sources 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous	X										
	Oligohalobous											
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent	X										
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary	X										
	Lake											
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring											
	Summer											
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Nilotanypus americanus Beck & Beck

	Source	1	17	7	Concensus & Notes
Stage	Eggs				
	Larvae	X	X	X	
	Pupae				
	Adults				
pH	Acidobiontic				
	Acidophilous			X	
	Neutral				
	Alkaliphilous				
	Alkalibiontic				
	Indifferent	X	X		
Salinity	Polyhalobous				
	Euhalobous				
	Mesohalobous				
	Oligohalobous	X	X	X	
	Euryhalinous				
Nutrient	Eutrophic			X	
	Mesotrophic	X	X		
	Oligotrophic				
	Dystrophic	X	X	X	
Organic	Saprophilic				
	Facultative				
	Saproxenous	X			
	Saprophobic		X	X	
O_2	Euoxyphilous				
	Mesoxyphilous	X	X	X	
	Oligoxyphilous				
	Anoxyphilous				
Temp.	Euthermal				
	Mesothermal		X	X	
	Oligothermal				
	Stenothermal				
	Metathermal			X	
	Eurythermal	X	X		
Turbid.	Eulichotophilous			X	
	Mesolichtophilous	X			
	Polylichtophilous		X		
	Oligolichtophilous				
Current	Limnobiontic				
	Limnophilous				
	Indifferent				
	Rheophilous				
	Rheobiontic	X	X	X	
General Habitat	Marine				
	Estuary				
	Lake				
	Pond				
	River	X	X		
	Stream	X		X	
	Spring				
	Other				
Specific Habitat	Epibenthic		X		
	Embenthic				
	Epipelic				
	Epipsobulic				
	Epilithic				
	Epixylous				
	Epizooic				
	Epiphytic	X	X	X	
	Attached				
	Unattached	X	X	X	
Emerg.	Winter	X		X	
	Spring	X		X	
	Summer	X	X		
	Autumn	X			
Feeding Behavior	Predator				
	Herbivore			X	
	Omnivore	X			
	Scavenger				
Geographical Distribution	Region I				
	Region II				
	Region III	X			
	Region IV	X	X	X	
	Region V				
	Region VI				
	Region VII				
	Region VIII				
	Region IX				
	Region X				

Taxon: Nimbocera Reiss

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous	X										
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream	X										
	Spring											
	Other	X										Artificial substrates.
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached	X										
	Unattached											
Emerg.	Winter											
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Odontomesa fulva (Kieffer)

	Source	1	4									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous		X									
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous	X										
	Mesoxyphilous											
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal		X									
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X	X									
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X	X									
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic	X										
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached											
Emerg.	Winter											
	Spring	X										
	Summer	X	X									
	Autumn											
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III		X									
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII	X										
	Region IX											
	Region X											

Taxon: **Omisus pica Townes**

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Orthocladius annectens Saether

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Orthocladius obumbratus Johannsen

	Source	3	10									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous		X									
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic		X									
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X	X									
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal											
	Stenothermal	X										
	Metathermal											
	Eurythermal		X									
Turbid.	Eulichotophilous	X										
	Mesolichtophilous		X									
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous	X										
	Rheobiontic		X									
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream		X									
	Spring	X										
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsabulic											
	Epilithic		X									
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X									
Emerg.	Winter		X									
	Spring											
	Summer											
	Autumn	X	X									
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I	X										
	Region II											
	Region III											
	Region IV											
	Region V		X									
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: **Pagastiella orophila (Edwards)**

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichtophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent	X										
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River	X										
	Stream	X										
	Spring											
	Other											
specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II	X										
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Parachironomus alatus (Beck)

	Source	1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic	X										
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Apoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichtophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream											
	Spring											
	Other	X										Sphagnum bogs.
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsamulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Parachironomus carinatus (Townes)

	Source	1	12	28								Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X								
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous			X								
	Alkalibiontic											
	Indifferent	X	X									
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X								
	Euryhalinous											
Nutrient	Eutrophic	X		X								
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X		X								
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X	X								
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X	X								
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X		X								
	Polylichtophilous		X									
	Oligolichtophilous											
Current	Limnobiontic		X	X								
	Limnophilous											
	Indifferent	X										
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X	X									
	Pond			X								
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic			X								
	Embenthic											
	Epipelic											
	Epissabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X	X									
	Attached											
	Unattached	X	X	X								
Emerg.	Winter											
	Spring	X		X								
	Summer	X	X									
	Autumn	X	X	X								
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X		X								
	Region V											
	Region VI		X									
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Parachironomus directus (Dendy & Sublette)

	Source	28									Concensus & Notes
Stage	Eggs										
	Larvae	X									
	Pupae										
	Adults										
pH	Acidobiontic										
	Acidophilous										
	Neutral										
	Alkaliphilous	X									
	Alkalibiontic										
	Indifferent										
Salinity	Polyhalobous										
	Euhalobous										
	Mesohalobous										
	Oligohalobous	X									
	Euryhalinous										
Nutrient	Eutrophic	X									
	Mesotrophic										
	Oligotrophic										
	Dystrophic										
Organic	Saprophilic										
	Facultative										
	Saproxenous	X									
	Saprophobic										
O_2	Euoxyphilous										
	Mesoxyphilous	X									
	Oligoxyphilous										
	Anoxyphilous										
Temp.	Euthermal										
	Mesothermal	X									
	Oligothermal										
	Stenothermal										
	Metathermal										
	Eurythermal	X									
Turbid.	Eulichtophilous										
	Mesolichtophilous	X									
	Polylichtophilous										
	Oligolichtophilous										
Current	Limnobiontic	X									
	Limnophilous										
	Indifferent										
	Rheophilous										
	Rheobiontic										
General Habitat	Marine										
	Estuary										
	Lake										
	Pond	X									
	River										
	Stream										
	Spring										
	Other										
Specific Habitat	Epibenthic	X									
	Embenthic										
	Epipelic										
	Epipsammic										
	Epilithic										
	Epixylous										
	Epizooic										
	Epiphytic										
	Attached										
	Unattached	X									
Emerg.	Winter										
	Spring	X									
	Summer	X									
	Autumn	X									
Feeding Behavior	Predator										
	Herbivore										
	Omnivore										
	Scavenger										
Geographical Distribution	Region I										
	Region II										
	Region III										
	Region IV	X									
	Region V										
	Region VI										
	Region VII										
	Region VIII										
	Region IX										
	Region X										

Taxon: "Parachironomus" demeijerea (Kruseman)

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous	X										
	Mesoxyphilous											
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator	X										
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I	X										
	Region II											
	Region III											
	Region IV	X										
	Region V	X										
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: **Parachironomus hirtalatus Beck & Beck**

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichtophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent	X										
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond	X										
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X										
	Region V	X										
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Parachironomus monochromus (Wulp)

	Source	1	12	11	22	28						Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X						
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral				X							
	Alkaliphilous					X						
	Alkalibiontic											
	Indifferent	X	X									
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X						
	Euryhalinous											
Nutrient	Eutrophic	X			X	X						
	Mesotrophic	X		X								
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative	X										
	Saproxenous				X	X						
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X			X						
	Oligoxyphilous			X	X							
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X		X	X						
	Oligothermal			X								
	Stenothermal											
	Metathermal			X	X							
	Eurythermal	X				X						
Turbid.	Eulichotophilous											
	Mesolichtophilous	X			X	X						
	Polylichtophilous		X									
	Oligolichtophilous											
Current	Limnobiontic		X	X	X	X						
	Limnophilous	X										
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X	X	X								
	Pond	X			X	X						
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic	X				X						
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic		X	X	X							
	Attached											
	Unattached	X	X	X	X	X						
Emerg.	Winter	X		X		X						
	Spring	X	X	X		X						
	Summer	X	X	X	X	X						
	Autumn	X		X								
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X				X						
	Region V	X										
	Region VI		X	X								
	Region VII											
	Region VIII											
	Region IX				X							
	Region X											

Taxon: Parachironomus pectinatellae (Dendy & Sublette)

	Source	1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous	X										
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic	X										
	Epiphytic											This species burrows in the gelatinous matrix of *Pectinatella magnifica*.
	Attached	X										
	Unattached											
Emerg.	Winter											
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X										
	Region V	X										
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: **Parachironomus scheideri Beck & Beck**

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative	X										
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous	X										
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond	X										
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Parachironomus tenuicaudatus (Malloch)

	Source	1	4	9	22	27	28	8				Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X	X				
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous		X									
	Neutral				X							
	Alkaliphilous					X	X	X				
	Alkalibiontic											
	Indifferent	X		X								
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X	X				
	Euryhalinous											
Nutrient	Eutrophic				X		X					
	Mesotrophic	X						X				
	Oligotrophic					X						
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X			X		X					
	Saprophobic					X		X				
O_2	Euoxyphilous											
	Mesoxyphilous	X				X	X	X				
	Oligoxyphilous				X							
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal				X	X	X	X				
	Oligothermal											
	Stenothermal		X									
	Metathermal				X	X						
	Eurythermal			X			X	X				
Turbid.	Eulichotophilous											
	Mesolichtophilous	X			X		X	X				
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic				X		X					
	Limnophilous											
	Indifferent	X	X									
	Rheophilous											
	Rheobiontic					X		X				
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond		X	X		X						
	River	X										
	Stream		X		X		X					
	Spring											
	Other											
Specific Habitat	Epibenthic	X		X		X						
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic						X					
	Attached											
	Unattached	X		X		X	X					
Emerg.	Winter					X						
	Spring				X							
	Summer	X	X	X	X	X						
	Autumn				X	X						
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III	X	X									
	Region IV	X				X						
	Region V						X					
	Region VI											
	Region VII											
	Region VIII											
	Region IX			X	X							
	Region X											

Taxon: **Paracladopelma loganae Beck & Beck**

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichtophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Paracladopelma undine (Townes)

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epissabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Paralauterborniella elachista (Townes)

	Source	1	12	11	22	27	28					Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X					
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral				X							
	Alkaliphilous					X	X					
	Alkalibiontic											
	Indifferent	X	X									
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X					
	Euryhalinous											
Nutrient	Eutrophic	X			X		X					
	Mesotrophic											
	Oligotrophic					X						
	Dystrophic	X										
Organic	Saprophilic											
	Facultative	X										
	Saproxenous				X		X					
	Saprophobic					X						
O_2	Euoxyphilous											
	Mesoxyphilous	X	X			X	X					
	Oligoxyphilous			X	X							
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X		X	X	X					
	Oligothermal			X								
	Stenothermal											
	Metathermal			X	X	X						
	Eurythermal	X					X					
Turbid.	Eulichotophilous											
	Mesolichtophilous	X			X		X					
	Polylichtophilous		X									
	Oligolichtophilous											
Current	Limnobiontic		X	X	X		X					
	Limnophilous	X										
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake		X	X								
	Pond	X			X		X					
	River	X										
	Stream	X				X						
	Spring											
	Other											
Specific Habitat	Epibenthic						X					
	Embenthic											
	Epipelic											
	Episammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X		X	X							
	Attached											
	Unattached	X		X	X		X					
Emerg.	Winter	X										
	Spring	X		X		X						
	Summer	X	X	X	X	X	X					
	Autumn	X				X						
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X					X					
	Region V											
	Region VI		X	X								
	Region VII											
	Region VIII											
	Region IX				X	X						
	Region X											

Taxon: Paralauterborniella nigrohalteralis (Malloch)

	Source	1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous	X										
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Paralauterborniella subcincta (Townes)

	Source	22	27									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral	X										
	Alkaliphilous		X									
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic		X									
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic		X									
O_2	Euoxyphilous											
	Mesoxyphilous		X									
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X	X									
	Oligothermal											
	Stenothermal											
	Metathermal	X	X									
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic		X									
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream		X									
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring		X									
	Summer	X	X									
	Autumn		X									
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X	X									
	Region X											

Taxon: Paramerina anomala Beck & Beck

	Source	1	7									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X	X									
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic	X	X									
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X	X									
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X	X									
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal		X									
Turbid.	Eulichotophilous		X									
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X	X									
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X	X									
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic		X									
	Attached											
	Unattached	X	X									
Emerg.	Winter	X	X									
	Spring	X	X									
	Summer		X									
	Autumn											
Feeding Behavior	Predator											
	Herbivore		X									
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X	X									
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Paramerina smithae (Sublette)

		Source 27										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached											
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: **Parametriocnemus lundbeckii (Johannsen)**

	Source	1	4	6	17	24	Concensus & Notes
Stage	Eggs						
	Larvae	X	X	X	X	X	
	Pupae						
	Adults						
pH	Acidobiontic						
	Acidophilous	X		X			
	Neutral						
	Alkaliphilous					X	
	Alkalibiontic						
	Indifferent		X		X		
Salinity	Polyhalobous						
	Euhalobous						
	Mesohalobous						
	Oligohalobous	X	X	X		X	
	Euryhalinous						
Nutrient	Eutrophic					X	
	Mesotrophic	X		X	X		
	Oligotrophic						
	Dystrophic	X					
Organic	Saprophilic						
	Facultative						
	Saproxenous						
	Saprophobic	X			X	X	
O_2	Euoxyphilous					X	
	Mesoxyphilous	X		X	X		
	Oligoxyphilous						
	Anoxyphilous						
Temp.	Euthermal						
	Mesothermal				X	X	
	Oligothermal						
	Stenothermal						
	Metathermal		X	X		X	
	Eurythermal	X			X		
Turbid.	Eulichotophilous					X	
	Mesolichtophilous	X					
	Polylichtophilous				X		
	Oligolichtophilous						
Current	Limnobiontic						
	Limnophilous						
	Indifferent		X				
	Rheophilous			X			
	Rheobiontic	X			X	X	
General Habitat	Marine						
	Estuary						
	Lake		X				
	Pond		X				
	River	X			X		
	Stream	X	X	X		X	
	Spring						
	Other						
Specific Habitat	Epibenthic	X					
	Embenthic						
	Epipelic						
	Epipsammic						
	Epilithic			X	X	X	
	Epixylous						
	Epizooic						
	Epiphytic				X		
	Attached						
	Unattached	X		X	X	X	
Emerg.	Winter	X					
	Spring	X					
	Summer	X	X	X	X		
	Autumn	X					
Feeding Behavior	Predator					X	
	Herbivore	X					
	Omnivore			X			
	Scavenger						
Geographical Distribution	Region I						
	Region II						
	Region III	X	X				
	Region IV	X			X	X	
	Region V			X			
	Region VI						
	Region VII						
	Region VIII	X					
	Region IX						
	Region X						

Taxon: Paratendipes albimanus (Meigen)

	Source	6	11	8								Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X								
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous			X								
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X								
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X		X								
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic			X								
O_2	Euoxyphilous											
	Mesoxyphilous	X		X								
	Oligoxyphilous		X									
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal			X								
	Oligothermal		X									
	Stenothermal											
	Metathermal		X									
	Eurythermal	X		X								
Turbid.	Eulichotophilous											
	Mesolichtophilous			X								
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic		X									
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X		X								
General Habitat	Marine											
	Estuary											
	Lake		X									
	Pond											
	River											
	Stream	X		X								
	Spring											
	Other											
Specific Habitat	Epibenthic	X		X								
	Embenthic		X									
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X	X								
Emerg.	Winter											
	Spring		X									
	Summer	X	X									
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V	X		X								
	Region VI		X									
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Paratendipes subaequalis (Malloch)

	Source	1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichtophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent	X										
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond	X										
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsamulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X										
	Region V	X										
	Region VI											
	Region VII	X										
	Region VIII											
	Region IX											
	Region X											

Taxon: Paratendipes thermophilus Townes

		Source 27										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached											
Emerg.	Winter											
	Spring											
	Summer											
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: **Parochlus kiefferi (Garrett)**

		Source 27										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached											
Emerg.	Winter											
	Spring	X										
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: Parorthocladius Thienemann

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X										
	Region V	X										
	Region VI											
	Region VII											
	Region VIII	X										
	Region IX											
	Region X											

Taxon: **Pedionomus beckae Sublette**

	Source	1	12	28								Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X								
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous			X								
	Alkalibiontic											
	Indifferent		X									
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X								
	Euryhalinous											
Nutrient	Eutrophic	X		X								
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X		X								
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X	X								
	Oligoxyphilous											
	Anoxyphilous			--								
Temp.	Euthermal											
	Mesothermal		X	X								
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X		X								
Turbid.	Eulichotophilous											
	Mesolichtophilous	X		X								
	Polylichtophilous		X									
	Oligolichtophilous											
Current	Limnobiontic		X	X								
	Limnophilous	X										
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X	X									
	Pond	X		X								
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic	X		X								
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X		X								
Emerg.	Winter	X										
	Spring	X	X									
	Summer	X	X									
	Autumn	X	X	X								
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X		X								
	Region V											
	Region VI		X									
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Pentaneura comosa Sublette

	Source	27										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichtophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached											
Emerg.	Winter	X										
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: Pentaneura incosspicua (Malloch)

	Source	1	17	7								Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X								
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous			X								
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X	X									
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X								
	Euryhalinous											
Nutrient	Eutrophic	X		X								
	Mesotrophic	X	X									
	Oligotrophic											
	Dystrophic	X	X	X								
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic		X	X								
O_2	Euoxyphilous											
	Mesoxyphilous	X	X	X								
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X	X								
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X	X	X								
Turbid.	Eulichotophilous											
	Mesolichtophilous	X		X								
	Polylichtophilous		X									
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic		X	X								
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X	X									
	Stream	X		X								
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsambulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic		X	X								
	Attached											
	Unattached	X	X	X								
Emerg.	Winter	X										
	Spring	X		X								
	Summer	X	X	X								
	Autumn	X		X								
Feeding Behavior	Predator	X		X								
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X	X	X								
	Region V	X										
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Phaenopsectra Kieffer

	Source	1	4									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous		X									
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal		X									
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X	X									
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X	X									
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X	X									
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II	X										
	Region III	X	X									
	Region IV	X										
	Region V	X										
	Region VI											
	Region VII	X										
	Region VIII											
	Region IX											
	Region X											

Taxon: Phaenopsectra profusa (Townes)

		Source 22										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral	X										
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: Polypedilum apicatum Townes

		Source										Concensus & Notes
		27										
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsamulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached											
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: Polypedilum aviceps Townes

		Source 11										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal	X										
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Epiaebulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Polypedilum braseniae (Leathers)

	Source	1	Concensus & Notes
Stage	Eggs		
	Larvae	X	
	Pupae		
	Adults		
pH	Acidobiontic	X	
	Acidophilous		
	Neutral		
	Alkaliphilous		
	Alkalibiontic		
	Indifferent		
Salinity	Polyhalobous		
	Euhalobous		
	Mesohalobous		
	Oligohalobous	X	
	Euryhalinous		
Nutrient	Eutrophic		
	Mesotrophic	X	
	Oligotrophic		
	Dystrophic	X	
Organic	Saprophilic		
	Facultative		
	Saproxenous		
	Saprophobic	X	
O_2	Euoxyphilous		
	Mesoxyphilous	X	
	Oligoxyphilous		
	Anoxyphilous		
Temp.	Euthermal		
	Mesothermal		
	Oligothermal		
	Stenothermal		
	Metathermal		
	Eurythermal	X	
Turbid.	Eulichtophilous		
	Mesolichtophilous	X	
	Polylichtophilous		
	Oligolichtophilous		
Current	Limnobiontic	X	
	Limnophilous		
	Indifferent		
	Rheophilous		
	Rheobiontic		
General Habitat	Marine		
	Estuary		
	Lake	X	
	Pond		
	River		
	Stream		
	Spring		
	Other		
Specific Habitat	Epibenthic		
	Embenthic		
	Epipelic		
	Episabulic		
	Epilithic		
	Epixylous		
	Epizoic		
	Epiphytic	X	
	Attached		
	Unattached	X	Burrows in the leaves of Brasenia schreberi.
Emerg.	Winter		
	Spring	X	
	Summer		
	Autumn		
Feeding Behavior	Predator		
	Herbivore	X	
	Omnivore		
	Scavenger		
Geographical Distribution	Region I		
	Region II		
	Region III		
	Region IV	X	
	Region V		
	Region VI		
	Region VII		
	Region VIII		
	Region IX		
	Region X		

Taxon: Polypedilum convictum (Walker)

		Source 17										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous	X										
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Polypedilum digitifer Townes

	Source	12	11	22	28							Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X							
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral			X								
	Alkaliphilous				X							
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X							
	Euryhalinous											
Nutrient	Eutrophic			X	X							
	Mesotrophic	X	X									
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous			X	X							
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X			X							
	Oligoxyphilous		X	X								
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal			X	X							
	Oligothermal		X									
	Stenothermal											
	Metathermal		X	X								
	Eurythermal	X			X							
Turbid.	Eulichotophilous											
	Mesolichtophilous	X		X	X							
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X	X	X	X							
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X	X									
	Pond											
	River			X	X							
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X			X							
	Embenthic		X									
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizoic											
	Epiphytic			X								
	Attached											
	Unattached	X	X	X	X							
Emerg.	Winter											
	Spring	X			X							
	Summer	X	X	X	X							
	Autumn	X			X							
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV				X							
	Region V											
	Region VI	X	X									
	Region VII											
	Region VIII											
	Region IX			X								
	Region X											

Taxon: **Polypedilum fallax (Johannsen)**

	Source	1	4	9	2	14	17	8	30			Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X	X	X			
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral								X			
	Alkaliphilous			X				X				
	Alkalibiontic											
	Indifferent	X	X		X	X	X					
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X	X	X			
	Euryhalinous											
Nutrient	Eutrophic	X				X		X				
	Mesotrophic	X			X		X	X	X			
	Oligotrophic											
	Dystrophic	X					X					
Organic	Saprophilic											
	Facultative							X				
	Saproxenous	X							X			
	Saprophobic					X	X					
O_2	Euoxyphilous											
	Mesoxyphilous	X		X	X	X	X	X	X			
	Oligoxyphilous							X				
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal						X	X	X			
	Oligothermal											
	Stenothermal											
	Metathermal		X				X					
	Eurythermal	X		X	X			X	X			
Turbid.	Eulichotophilous											
	Mesolichtophilous	X				X		X	X			
	Polylichtophilous				X		X					
	Oligolichtophilous											
Current	Limnobiontic			X								
	Limnophilous											
	Indifferent											
	Rheophilous				X							
	Rheobiontic	X	X			X	X	X	X			
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X			X		X		X			
	Stream	X	X			X		X				
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic					X						
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous				X		X	X	X			
	Epizoic											Found in submerged decomposing wood and leaf drift.
	Epiphytic					X						
	Attached											
	Unattached	X			X	X	X	X	X			
Emerg.	Winter	X			X							
	Spring	X			X							
	Summer	X	X		X		X					
	Autumn	X			X							
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X			X		X					
Geographical Distribution	Region I											
	Region II											
	Region III	X	X	X								
	Region IV	X			X	X	X		X			
	Region V	X		X				X				
	Region VI								X			
	Region VII	X										
	Region VIII	X										
	Region IX											
	Region X											

Taxon: Polypedilum halterale (Coquillett)

	Source	11	28	30								Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X								
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral			X								
	Alkaliphilous		X									
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X								
	Euryhalinous											
Nutrient	Eutrophic		X									
	Mesotrophic	X		X								
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous		X									
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous		X	X								
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X	X								
	Oligothermal	X										
	Stenothermal											
	Metathermal	X										
	Eurythermal		X	X								
Turbid.	Eulichotophilous											
	Mesolichtophilous		X	X								
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X	X									
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic			X								
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond		X									
	River			X								
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic		X									
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X		X								
	Attached											
	Unattached	X	X	X								
Emerg.	Winter											
	Spring											
	Summer	X	X									
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV		X	X								
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Polypedilum illinoense (Malloch)

	Source	1	4	9	12	2	17	11	28	8	10	Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X	X	X	X	X	
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous								X	X	X	
	Alkalibiontic											
	Indifferent	X	X	X	X	X	X					
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X	X	X	X	X	
	Euryhalinous											
Nutrient	Eutrophic	X							X		X	
	Mesotrophic	X				X	X	X		X	X	
	Oligotrophic	X										
	Dystrophic	X					X					
Organic	Saprophilic											
	Facultative						X				X	
	Saproxenous	X							X	X		
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X		X	X	X	X		X	X	X	
	Oligoxyphilous							X			X	
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal				X		X		X	X	X	
	Oligothermal							X				
	Stenothermal											
	Metathermal		X					X				
	Eurythermal	X		X		X	X		X	X	X	
Turbid.	Eulichotophilous											
	Mesolichtophilous	X							X	X	X	
	Polylichtophilous				X	X	X					
	Oligolichtophilous											
Current	Limnobiontic			X	X			X	X			
	Limnophilous											
	Indifferent	X	X									
	Rheophilous					X						
	Rheobiontic						X			X	X	
General Habitat	Marine											
	Estuary											
	Lake	X			X			X				
	Pond	X	X						X			
	River	X	X			X	X					
	Stream	X	X							X	X	
	Spring											
	Other											
Specific Habitat	Epibenthic	X							X			
	Embenthic											
	Epipelic											
	Epipsamulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic					X	X	X		X	X	
	Attached											
	Unattached	X				X	X	X	X	X	X	
Emerg.	Winter	X				X					X	
	Spring	X			X	X			X			
	Summer	X	X		X	X	X	X	X			
	Autumn	X			X	X					X	
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X				X						
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X	X	X								
	Region IV	X				X	X		X			
	Region V	X		X						X	X	
	Region VI				X			X				
	Region VII	X										
	Region VIII	X										
	Region IX											
	Region X											

Taxon: Polypedilum labeculosum (Mitchell)

	Source	27										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Enbenthic											
	Epipelic											
	Epipsamulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached											
Emerg.	Winter											
	Spring	X										
	Summer											
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: Polypedilum nigritum Townes

	Source	11										Consensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal	X										
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Polypedilum obtusum Townes

	Source	15	11									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic		X									
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous		X									
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal		X									
	Stenothermal											
	Metathermal		X									
	Eurythermal											
Turbid.	Eulichotophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic		X									
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake		X									
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic		X									
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached		X									
Emerg.	Winter											
	Spring											
	Summer		X									
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI	X	X									
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Polypedilum ontario (Walley)

	Source	11										Consensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal	X										
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream											
	Spring											
	Other ·											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic	X										
	Epiphytic											
	Attached											Lives in cases of the caddis genus Cheumatopsyche.
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Polypedilum scalaenum (Schrank)

	Source	11	27									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous		X									
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic		X									
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic		X									
O_2	Euoxyphilous											
	Mesoxyphilour		X									
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal	X										
	Stenothermal											
	Metathermal	X	X									
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic		X									
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream		X									
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring	X										
	Summer		X									
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX		X									
	Region X											

Taxon: Polypedilum simulans Townes

	Source	28										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Polypedilum trigonum Townes

	Source	12	28									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous		X									
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic		X									
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous		X									
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Eutharmal											
	Mesothermal		X									
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X	X									
Turbid.	Eulichotophilous											
	Mesolichtophilous	X	X									
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X	X									
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond		X									
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X	X									
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X	X									
Emerg.	Winter											
	Spring	X										
	Summer		X									
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV		X									
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Polypedilum tritum (Walker)

		Source 11										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal	X										
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Potthastia Kieffer

		Source 1	2									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X	X									
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X	X									
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Eurthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal		X									
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichtophilous											
	Mesolichtophilous	X										
	Polylichtophilous		X									
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X	X									
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X	X									
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic	X										
	Epixylous											
	Epizooic											
	Epiphytic		X									
	Attached											
	Unattached	X	X									
Emerg.	Winter	X	X									
	Spring	X										
	Summer											
	Autumn											
Feeding Behavior	Predator		X									
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X	X									
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Procladius adumbratus (Johannsen)

	Source	28										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Procladius bellus (Loew)

	Source	12	11	21	28							Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X							
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous			X	X							
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X							
	Euryhalinous											
Nutrient	Eutrophic				X							
	Mesotrophic		X									
	Oligotrophic			X								
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous				X							
	Saprophobic			X								
O_2	Euoxyphilous											
	Mesoxyphilous	X		X	X							
	Oligoxyphilous		X									
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X		X	X							
	Oligothermal		X									
	Stenothermal											
	Metathermal		X	X								
	Eurythermal				X							
Turbid.	Eulichotophilous											
	Mesolichtophilous				X							
	Polylichtophilous	X										
	Oligolichtophilous											
Current	Limnobiontic	X	X		X							
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic			X								
General Habitat	Marine											
	Estuary											
	Lake	X	X									
	Pond				X							
	River											
	Stream			X								
	Spring											
	Other											
Specific Habitat	Epibenthic		X		X							
	Embenthic	X										
	Epipelic											
	Epiambulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X		X							
Emerg.	Winter	X										
	Spring	X		X	X							
	Summer	X	X	X	X							
	Autumn	X		X	X							
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV				X							
	Region V											
	Region VI	X	X									
	Region VII											
	Region VIII											
	Region IX			X								
	Region X											

Taxon: Procladius culiciformis (Linnaeus)

	Source	2	6	10	11	22	8					Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X					
	Pupae											
	Adults											
pH	Acidobiontic			X								
	Acidophilous		X									
	Neutral					X						
	Alkaliphilous						X					
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X					
	Euryhalinous											
Nutrient	Eutrophic			X		X						
	Mesotrophic	X	X		X		X					
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative			X			X					
	Saproxenous					X						
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X	X			X					
	Oligoxyphilous				X	X						
	Anoxyphilous			X								
Temp.	Euthermal											
	Mesothermal			X		X	X					
	Oligothermal				X							
	Stenothermal											
	Metathermal	X	X	X	X	X						
	Eurythermal						X					
Turbid.	Eulichotophilous											
	Mesolichtophilous			X		X	X					
	Polylichtophilous	X										
	Oligolichtophilous											
Current	Limnobiontic			X	X	X						
	Limnophilous											
	Indifferent											
	Rheophilous	X										
	Rheobiontic		X				X					
General Habitat	Marine											
	Estuary											
	Lake				X							
	Pond			X		X						
	River	X										
	Stream		X				X					
	Spring											
	Other											
Specific Habitat	Epibenthic		X		X	X	X					
	Embenthic	X		X								
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic						X					
	Attached											
	Unattached	X	X	X	X	X	X					
Emerg.	Winter	X										
	Spring	X			X							
	Summer		X	X	X	X						
	Autumn											
Feeding Behavior	Predator						X					
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V		X	X			X					
	Region VI				X							
	Region VII											
	Region VIII											
	Region IX					X						
	Region X											

Taxon: Procladius denticulatus Sublette

		Source 27	28									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X	X									
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic		X									
	Mesotrophic											
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous		X									
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X	X									
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal		X									
Turbid.	Eulichotophilous											
	Mesolichtophilous		X									
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic		X									
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond		X									
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic		X									
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached		X									
Emerg.	Winter											
	Spring		X									
	Summer	X	X									
	Autumn		X									
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV		X									
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: Procladius riparius (Malloch)

	Source	28										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Apoxyphilous											
Temp.	Eutharmal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring	X										
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Prodiamesa bathyphila (Kieffer)

		6										Consensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Eurthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichtophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic	X										
	Epixylous											
	Epizoic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V	X										
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Prodiamesa olivacea (Meigen)

	Source	1	4	9	3	6						Consensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X						
	Pupae											
	Adults											
pH	Acidobiontic				X							
	Acidophilous					X						
	Neutral											
	Alkaliphilous			X								
	Alkalibiontic											
	Indifferent	X	X									
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X						
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X				X						
	Oligotrophic	X			X							
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X			X							
O_2	Euoxyphilous	X										
	Mesoxyphilous				X	X						
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal				X							
	Metathermal	X	X			X						
	Eurythermal											
Turbid.	Eulichotophilous	X			X							
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent	X		X								
	Rheophilous				X							
	Rheobiontic		X			X						
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River	X										
	Stream	X	X		X							
	Spring			X								
	Other											
Specific Habitat	Epibenthic	X		X	X							
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic	X										
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X		X	X							
Emerg.	Winter	X										
	Spring											
	Summer	X	X	X	X							
	Autumn			X								
Feeding Behavior	Predator	X		X	X							
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I			X								
	Region II	X										
	Region III	X	X									
	Region IV	X										
	Region V	X			X							
	Region VI											
	Region VII											
	Region VIII	X										
	Region IX											
	Region X											

Taxon: Psectrocladius elatus Roback

	Source	1	4									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X	X									
Salinity	Polyhaloboue											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal		X									
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X	X									
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X	X									
	Stream	X	X									
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X	X									
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II	X										
	Region III	X	X									
	Region IV	X										
	Region V											
	Region VI											
	Region VII	X										
	Region VIII											
	Region IX											
	Region X											

Taxon: *Psectrotanypus dyari* (Coquillett)

	Source	5	3	25	26	8	10					Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X					
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous		X									
	Neutral											
	Alkaliphilous					X	X					
	Alkalibiontic											
	Indifferent			X	X							
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X					
	Euryhalinous											
Nutrient	Eutrophic			X	X	X						
	Mesotrophic					X	X					
	Oligotrophic		X									
	Dystrophic											
Organic	Saprophilic			X	X							
	Facultative					X						
	Saproxenous						X					
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X			X	X					
	Oligoxyphilous			X	X	X						
	Anoxyphilous			X	X							
Temp.	Euthermal											
	Mesothermal			X	X	X	X					
	Oligothermal											
	Stenothermal		X									
	Metathermal											
	Eurythermal	X		X	X	X	X					
Turbid.	Eulichotophilous		X									
	Mesolichtophilous			X	X	X	X					
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic			X	X							
	Limnophilous											
	Indifferent	X										
	Rheophilous		X									
	Rheobiontic					X	X					
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X		X	X							
	River											
	Stream	X				X	X					
	Spring		X									
	Other											
Specific Habitat	Epibenthic					X	X					
	Embenthic		X	X	X							
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached		X	X	X	X	X					
Emerg.	Winter		X			X	X					
	Spring	X	X			X						
	Summer	X	X			X						
	Autumn	X	X			X	X					
Feeding Behavior	Predator		X									
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I		X									
	Region II											
	Region III											
	Region IV											
	Region V					X	X					
	Region VI											
	Region VII	X		X	X							
	Region VIII											
	Region IX											
	Region X											

Taxon: Psectrotanypus venustus (Coquillett)

	Source	27										Conceneus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached											
Emerg.	Winter											
	Spring	X										
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: Psectrocladius vernalis (Malloch)

	Source	1	28									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous		X									
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic	X	X									
	Mesotrophic	X										
	Oligotrophic	X										
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X	X									
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X	X									
Turbid.	Eulichotophilous											
	Mesolichtophilous	X	X									
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic		X									
	Limnophilous											
	Indifferent	X										
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond		X									
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic		X									
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X	X									
Emerg.	Winter	X										
	Spring	X	X									
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II	X										
	Region III	X										
	Region IV	X	X									
	Region V	X										
	Region VI											
	Region VII											
	Region VIII	X										
	Region IX											
	Region X											

Taxon: Pseudochironomus aix Townes

	Source	12	11									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic		X									
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous		X									
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal		X									
	Stenothermal											
	Metathermal		X									
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X	X									
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X	X									
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic		X									
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached	X										
	Unattached		X									
Emerg.	Winter											
	Spring	X										
	Summer	X	X									
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI	X	X									
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Pseudochironomus chen Townes

	Source	11										Consensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal	X										
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichtophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizoic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Pseudochironomus fulviventris (Johannsen)

	Source	1										Consensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Eutherma1											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent	X										
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River	X										
	Stream	X										
	Spring	X										
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X										
	Region V	X										
	Region VI											
	Region VII	X										
	Region VIII											
	Region IX											
	Region X											

Taxon: Pseudochironomus richardsoni Malloch

	Source	22	8									Consensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral	X										
	Alkaliphilous		X									
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic		X									
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X	X									
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous		X									
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X	X									
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal		X									
Turbid.	Eulichotophilous											
	Mesolichtophilous	X	X									
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic		X									
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream		X									
	Spring											
	Other											
Specific Habitat	Epibenthic	X	X									
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X									
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V		X									
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: Pseudodiamesa Goetghebuer

	Source	1	6									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous		X									
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic		X									
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous	X										
	Mesoxyphilous		X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Eutharmal											
	Mesothermal											
	Oligothermal	X										
	Stenothermal											
	Metathermal		X									
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X	X									
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X	X									
	Spring											
	Other											
Specific Habitat	Epibenthic		X									
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic	X										
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached		X									
Emerg.	Winter											
	Spring											
	Summer	X	X									
	Autumn	X										
Feeding Behavior	Predator		X									
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V		X									
	Region VI											
	Region VII											
	Region VIII	X										
	Region IX											
	Region X											

Taxon: Rheocricotopus robacki (Beck)

	Source	1	14	17								Consensus & Notes
Stage	Eggs											
	Larvae	X	X	X								
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X	X	X								
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X								
	Euryhalinous											
Nutrient	Eutrophic	X	X	X								
	Mesotrophic	X										
	Oligotrophic	X										
	Dystrophic	X										
Organic	Saprophilic											
	Facultative			X								
	Saproxenous	X										
	Saprophobic		X									
O_2	Euoxyphilous											
	Mesoxyphilous	X	X	X								
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal			X								
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X		X								
Turbid.	Eulichotophilous											
	Mesolichtophilous	X	X									
	Polylichtophilous			X								
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X	X	X								
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X	X	X								
	Stream	X	X									
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic			X								
	Episabulic											
	Epilithic	X	X	X								
	Epixylous			X								
	Epizooic											
	Epiphytic		X									
	Attached											
	Unattached	X	X	X								
Emerg.	Winter	X										
	Spring	X										
	Summer	X		X								
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X	X	X								
	Region V	X										
	Region VI											
	Region VII	X										
	Region VIII	X										
	Region IX											
	Region X											

Taxon: Rheotanytarsus exiguus Johannsen

	Source	1	4	6	2	14	17					Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X					
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous			X								
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X	X		X	X	X					
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X					
	Euryhalinous											
Nutrient	Eutrophic	X				X	X					
	Mesotrophic	X		X			X					
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X					X					
	Saprophobic					X						
O_2	Euoxyphilous											
	Mesoxyphilous	X		X	X	X	X					
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal						X					
	Stenothermal											
	Metathermal		X									
	Eurythermal	X		X	X		X					
Turbid.	Eulichotophilous											
	Mesolichtophilous	X				X						
	Polylichtophilous				X		X					
	Oligolichtophilous											
Current	Limnobiontic			X								
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X	X		X	X	X					
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X			X	X	X					
	Stream	X	X	X								
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic	X		X	X	X	X					
	Epixylous	X			X		X					
	Epizoic	X										
	Epiphytic	X			X	X	X					
	Attached	X		X	X	X						
	Unattached						X					
Emerg.	Winter	X			X							
	Spring	X			X							
	Summer	X	X	X	X		X					
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II	X										
	Region III	X	X									
	Region IV	X			X	X	X					
	Region V	X		X								
	Region VI											
	Region VII	X										
	Region VIII	X										
	Region IX											
	Region X											

Taxon: Sergentia coracina (Zetterstedt)

	Source	16										Consensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic	X										
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous	X										
	Mesoxyphilous											
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal	X										
	Stenothermal	X										
	Metathermal											
	Eurythermal											
Turbid.	Eulichtophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V	X										
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Smittia aterrima (Meigen)

	Source	1	13									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Seproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent	X										
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											In addition to an occasional stream, this species is most frequently found in greenhouses, among the roots of potted plants, and in leaf mold.
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other		X									
Specific Habitat	Epibenthic	X										
	Embenthic		X									
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizoic											
	Epiphytic	X										
	Attached											
	Unattached	X	X									
Emerg.	Winter	X										
	Spring	X										
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore	X	X									
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II		X									
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Stempellina Bause

	Source	1	14	Concensus & Notes
Stage	Eggs			
	Larvae	X	X	
	Pupae			
	Adults			
pH	Acidobiontic			
	Acidophilous		X	
	Neutral			
	Alkaliphilous			
	Alkalibiontic			
	Indifferent	X		
Salinity	Polyhalobous			
	Euhalobous			
	Mesohalobous			
	Oligohalobous	X	X	
	Euryhalinous			
Nutrient	Eutrophic	X	X	
	Mesotrophic	X,		
	Oligotrophic			
	Dystrophic	X		
Organic	Saprophilic			
	Facultative			
	Saproxenous			
	Saprophobic	X	X	
O_2	Euoxyphilous			
	Mesoxyphilous	X	X	
	Oligoxyphilous			
	Anoxyphilous			
Temp.	Euthermal			
	Mesothermal			
	Oligothermal			
	Stenothermal			
	Katathermal	X		
	Eurythermal			
Turbid.	Eulichotophilous	X		
	Mesolichtophilous		X	
	Polylichtophilous			
	Oligolichtophilous			
Current	Limnobiontic			
	Limnophilous			
	Indifferent			
	Rheophilous			
	Rheobiontic	X	X	
General Habitat	Marine			
	Estuary			
	Lake			
	Pond			
	River	X	X	
	Stream	X	X	
	Spring			
	Other			
Specific Habitat	Epibenthic		X	
	Embenthic			
	Epipelic			
	Epipsammic	X		
	Epilithic			
	Epixylous			
	Epizooic			
	Epiphytic		X	
	Attached			
	Unattached	X	X	
Emerg.	Winter	X		
	Spring	X		
	Summer			
	Autumn			
Feeding Behavior	Predator			
	Herbivore			
	Omnivore	X		
	Scavenger			
Geographical Distribution	Region I			
	Region II			
	Region III			
	Region IV	X	X	
	Region V			
	Region VI			
	Region VII			
	Region VIII			
	Region IX			
	Region X			

Taxon: Stenochironomus hilaris (Walker)

	Source	1	2B									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous		X									
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic	X	X									
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous		X									
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X	X									
Turbid.	Eulichotophilous	X										
	Mesolichtophilous		X									
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic		X									
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond		X									
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic		X									
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous	X										
	Epizooic											
	Epiphytic											
	Attached											Burrows in submerged wood and leaf drift.
	Unattached	X	X									
Emerg.	Winter	X										
	Spring	X	X									
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X	X									
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Stenochironomus macateei (Malloch)

	Source	12	8									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous		X									
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X	X									
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous		X									
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal											
	Stenothermal	X										
	Metathermal											
	Eurythermal		X									
Turbid.	Eulichotophilous											
	Mesolichtophilous	X	X									
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic		X									
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream		X									
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic		X									
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										Burrows in submerged wood and leaf drift.
	Attached											
	Unattached	X	X									
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V		X									
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Stictochironomus devinctus (Say)

	Source	14										Conceneus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal											
Turbid.	Eulichotophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous	X										
	Epizooic											
	Epiphytic											
	Attached											Burrows in submerged wood and leaf drift.
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Stictochironomus varius Townes

	Source	8	10	Concensus & Notes
Stage	Eggs			
	Larvae	X	X	
	Pupae			
	Adults			
pH	Acidobiontic			
	Acidophilous			
	Neutral			
	Alkaliphilous	X	X	
	Alkalibiontic			
	Indifferent			
Salinity	Polyhalobous			
	Euhalobous			
	Mesohalobous			
	Oligohalobous	X	X	
	Euryhalinous			
Nutrient	Eutrophic	X		
	Mesotrophic	X	X	
	Oligotrophic			
	Dystrophic			
Organic	Saprophilic			
	Facultative	X		
	Saproxenous		X	
	Saprophobic			
O_2	Euoxyphilous			
	Mesoxyphilous	X	X	
	Oligoxyphilous	X		
	Anoxyphilous			
Temp.	Euthermal			
	Mesothermal	X	X	
	Oligothermal			
	Stenothermal			
	Metathermal			
	Eurythermal	X	X	
Turbid.	Eulichotophilous			
	Mesolichtophilous	X	X	
	Polylichtophilous			
	Oligolichtophilous			
Current	Limnobiontic			
	Limnophilous			
	Indifferent			
	Rheophilous			
	Rheobiontic	X	X	
General Habitat	Marine			
	Estuary			
	Lake			
	Pond			
	River			
	Stream	X	X	
	Spring			
	Other			
Specific Habitat	Epibenthic	X	X	
	Embenthic			
	Epipelic			
	Epipsammic			
	Epilithic			
	Epixylous			
	Epizooic			
	Epiphytic			
	Attached			
	Unattached	X	X	
Emerg.	Winter		X	
	Spring			
	Summer			
	Autumn		X	
Feeding Behavior	Predator			
	Herbivore			
	Omnivore			
	Scavenger			
Geographical Distribution	Region I			
	Region II			
	Region III			
	Region IV			
	Region V	X	X	
	Region VI			
	Region VII			
	Region VIII			
	Region IX			
	Region X			

Taxon: **Sympotthastia Pagast**

	Source	1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous	X										
	Mesoxyphilous											
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichtophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer											
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Tanypus carinatus Sublette

	Source	1	21	28								Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X								
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous			X								
	Alkalibiontic											
	Indifferent	X	X									
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X								
	Euryhalinous											
Nutrient	Eutrophic	X	X	X								
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic	X										
	Facultative		X									
	Saproxenous			X								
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous			X								
	Oligoxyphilous	X	X									
	Anoxyphilous	X										
Temp.	Euthermal											
	Mesothermal		X	X								
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X	X	X								
Turbid.	Eulichotophilous											
	Mesolichtophilous			X								
	Polylichtophilous	X	X									
	Oligolichtophilous											
Current	Limnobiontic		X	X								
	Limnophilous	X										
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond	X	X	X								
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic			X								
	Embenthic	X	X									
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X	X								
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X		X								
Feeding Behavior	Predator		X									
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III	X	--									
	Region IV	X		X								
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Tanypus clavatus Beck

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous	X										
	Oligohalobous											
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous	X										
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary	X										
	Lake											
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Epipsamulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Tanypus grodhausi Sublette

	Source	21										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative	X										
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous	X										
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X										
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Episammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator	X										
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: Tanypus parastellatus Sublette

	Source	27										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsamulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached											
Emerg.	Winter											
	Spring	X										
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: Tanypus neopunctipennis Sublette

	Source	11										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous	X										
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal	X										
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Tanypus punctipennis Meigen

		Source 25	26	29	8							Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X							
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous				X							
	Alkalibiontic											
	Indifferent	X	X	X								
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X							
	Euryhalinous											
Nutrient	Eutrophic	X	X	X	X							
	Mesotrophic				X							
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic	X	X									
	Facultative				X							
	Saproxenous			X								
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous			X	X							
	Oligoxyphilous	X	X		X							
	Anoxyphilous	X	X	X								
Temp.	Euthermal											
	Mesothermal	X	X	X	X							
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X	X	X	X							
Turbid.	Eulichotophilous											
	Mesolichtophilous	X	X		X							
	Polylichtophilous			X								
	Oligolichtophilous											
Current	Limnobiontic	X	X	X								
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic				X							
General Habitat	Marine											
	Estuary											
	Lake											
	Pond	X	X	X								
	River											
	Stream				X							
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X	X	X	X							
	Epipelic											
	Epiambulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X	X	X							
Emerg.	Winter											
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V				X							
	Region VI											
	Region VII	X	X									
	Region VIII											
	Region IX			X								
	Region X											

Taxon: Tanypus stellatus (Coquillett)

	Source	1	4	9	12	5	11	8	10			Consensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X	X	X	X			
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous			X				X	X			
	Alkalibiontic											
	Indifferent	X	X		X							
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X	X	X	X			
	Euryhalinous											
Nutrient	Eutrophic	X						X				
	Mesotrophic						X	X	X			
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative	X						X				
	Saproxenous											
	Saprophobic								X			
O_2	Euoxyphilous											
	Mesoxyphilous	X		X	X			X	X			
	Oligoxyphilous	X					X	X				
	Anoxyphilous	X										
Temp.	Euthermal											
	Mesothermal				X			X	X			
	Oligothermal						X					
	Stenothermal											
	Metathermal		X				X					
	Eurythermal	X		X		X		X	X			
Turbid.	Eulichotophilous											
	Mesolichtophilous	X						X	X			
	Polylichtophilous				X							
	Oligolichtophilous											
Current	Limnobiontic			X	X	X	X					
	Limnophilous	X										
	Indifferent		X									
	Rheophilous											
	Rheobiontic							X	X			
General Habitat	Marine											
	Estuary											
	Lake	X			X	X	X					
	Pond		X			X						
	River	X	X									
	Stream	X	X					X	X			
	Spring											
	Other	X										
Specific Habitat	Epibenthic						X					
	Embenthic	X			X			X	X			
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizoic											
	Epiphytic											
	Attached											
	Unattached	X			X		X	X	X			
Emerg.	Winter											
	Spring	X					X					
	Summer	X	X		X	X	X					
	Autumn	X					X		X			
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger	X										
Geographical Distribution	Region I											
	Region II											
	Region III	X	X									
	Region IV	X										
	Region V			X								
	Region VI				X		X	X	X			
	Region VII					X						
	Region VIII											
	Region IX											
	Region X											

Taxon: Tanytarsus buckleyi Sublette

	Source	12	11	28								Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X								
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous			X								
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X								
	Euryhalinous											
Nutrient	Eutrophic			X								
	Mesotrophic	X	X									
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous			X								
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X		X								
	Oligoxyphilous		X									
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal			X								
	Oligothermal		X									
	Stenothermal											
	Metathermal		X									
	Eurythermal	X		X								
Turbid.	Eulichotophilous											
	Mesolichtophilous	X		X								
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X	X	X								
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X	X									
	Pond			X								
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic			X								
	Embenthic		X									
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X	X	X								
Emerg.	Winter	X										
	Spring											
	Summer	X	X	X								
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore	[illegible]	[illegible]									
	Omnivore	[illegible]	[illegible]									
	Scavenger	[illegible]	[illegible]									
Geographical Distribution	Region I	[illegible]	[illegible]									
	Region II	[illegible]	[illegible]									
	Region III	[illegible]	[illegible]									
	Region IV	[illegible]		X								
	Region V											
	Region VI	X	X									
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Tanytarsus confusus Malloch

		Source										Consensus & Notes
		12										
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Tanytarsus dendyi Sublette

		Source 12										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Tanytarsus neoflavellus Malloch

	Source	12										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Eutharmal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Tanytarsus quadratus Sublette

	Source	12	28									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous		X									
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic		X									
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous		X									
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X	X									
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X	X									
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond		X									
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic	X	X									
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X	X									
Emerg.	Winter	X										
	Spring	X	X									
	Summer	X										
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV		X									
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Tanytarsus recens Sublette

	Source	12	28									Consensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous		X									
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic		X									
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous		X									
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal											
	Stenothermal	X										
	Metathermal											
	Eurythermal		X									
Turbid.	Eulichotophilous											
	Mesolichtophilous	X	X									
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X	X									
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond		X									
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic		X									
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X	X									
Emerg.	Winter											
	Spring	X	X									
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV		X									
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Tanytarsus xanthus Sublette

		Source 12										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichtophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Telmatogeton japonicus Tokunaga

	Source	1	31									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X	X									
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous	X	X									
	Oligohalobous											
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X	X									
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X	X									
	Saprophobic											
O_2	Euoxyphilous	X	X									
	Mesoxyphilous											
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal	X	X									
	Eurythermal											
Turbid.	Eulichotophilous	X	X									
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X	X									
General Habitat	Marine	X	X									Marine inter-tidal.
	Estuary											
	Lake											
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsamulic											
	Epilithic	X	X									
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X	X									
Emerg.	Winter	X	X									
	Spring	X	X									
	Summer		X									
	Autumn											
Feeding Behavio	Predator											
	Herbivore	X	X									
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II	X	X									
	Region III											
	Region IV	X	X									
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: **Thalassomyia bureni Wirth**

		Source 31	Concensus & Notes
Stage	Eggs		
	Larvae	X	
	Pupae		
	Adults		
pH	Acidobiontic		
	Acidophilous		
	Neutral		
	Alkaliphilous	X	
	Alkalibiontic		
	Indifferent		
Salinity	Polyhalobous		
	Euhalobous		
	Mesohalobous	X	
	Oligohalobous		
	Euryhalinous		
Nutrient	Eutrophic		
	Mesotrophic		
	Oligotrophic		
	Dystrophic		
Organic	Saprophilic		
	Facultative		
	Saproxenous	X	
	Saprophobic		
O_2	Euoxyphilous		
	Mesoxyphilous	X	
	Oligoxyphilous		
	Anoxyphilous		
Temp.	Euthermal		
	Mesothermal	X	
	Oligothermal		
	Stenothermal		
	Metathermal	X	
	Eurythermal		
Turbid.	Eulichotophilous		
	Mesolichtophilous		
	Polylichtophilous		
	Oligolichtophilous		
Current	Limnobiontic		
	Limnophilous		
	Indifferent	X	
	Rheophilous		
	Rheobiontic		
General Habitat	Marine	X	Marine inter-tidal.
	Estuary	X	
	Lake		
	Pond		
	River		
	Stream		
	Spring		
	Other		
Specific Habitat	Epibenthic	X	
	Embenthic		
	Epipelic		
	Epiasabulic		
	Epilithic		
	Epixylous		
	Epizooic		
	Epiphytic	X	
	Attached		
	Unattached	X	
Emerg.	Winter		
	Spring		
	Summer	X	
	Autumn	X	
Feeding Behavior	Predator		
	Herbivore	X	
	Omnivore		
	Scavenger		
Geographical Distribution	Region I		
	Region II		
	Region III		
	Region IV	X	
	Region V		
	Region VI		
	Region VII		
	Region VIII		
	Region IX		
	Region X		

Taxon: Thienemannimyia barberi (Coquillett)

	Source	27										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached											
Emerg.	Winter											
	Spring											
	Summer											
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX	X										
	Region X											

Taxon: Thienemannimyia senata (Walley)

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous	X										
	Mesoxyphilous											
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal	X										
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epissabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Thienemanniella xena Roback

	Source	1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichtophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic	X										
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II	X										
	Region III	X										
	Region IV	X										
	Region V	X										
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Tribelos sp. A (Beck)*

	Source	1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Eutharmal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X										
	Spring	X										
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic	X										
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached											
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X										
	Region V											
	Region VI											
	Region VII	X										
	Region VIII											
	Region IX											
	Region X											

*This is a very distinctive species thus far unreared and unnamed. It shows promise as a useful addition to this compilation when identified.

Taxon: Tribelos fuscicornis (Malloch)

	Source	3										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic	X										
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal	X										
	Metathermal											
	Eurythermal											
Turbid.	Eulichotophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous	X										
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream											
	Spring	X										
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring	X										
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I	X										
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Tribelos jucundus (Walker)

	Source	1	4	9	2	14						Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X	X						
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X	X			X						
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent			X	X							
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X	X						
	Euryhalinous											
Nutrient	Eutrophic	X				X						
	Mesotrophic	X			X							
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic					X						
O_2	Euoxyphilous											
	Mesoxyphilous	X			X	X						
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal				X							
	Metathermal		X									
	Eurythermal	X		X								
Turbid.	Eulichotophilous											
	Mesolichtophilous	X				X						
	Polylichtophilous				X							
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent			X								
	Rheophilous				X							
	Rheobiontic	X	X			X						
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X	X		X	X						
	Stream	X	X			X						
	Spring											
	Other											
Specific Habitat	Epibenthic	X				X						
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic	X										
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X				X						
Emerg.	Winter	X										
	Spring	X			X							
	Summer	X	X									
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II	X										
	Region III	X	X	X								
	Region IV	X			X	X						
	Region V	X										
	Region VI											
	Region VII	X										
	Region VIII											
	Region IX											
	Region X											

Taxon: Tribelos quadripunctatus (Malloch)

	Source	1										Consensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichtophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic	X										
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X										
	Pond	X										
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsamulic											
	Epilithic											
	Epixylous											Burrows in the petioles of the yellow pond lily, Nuphar.
	Epizoic											
	Epiphytic	X										
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring	X										
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore	X										
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Trissocladius Kieffer

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichtophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic	X										
	Attached											
	Unattached											
Emerg.	Winter	X										
	Spring	X										
	Summer											
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Xenochironomus rogersi (Beck & Beck)

		Source 1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X										
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic	X										
	Mesotrophic											
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal	X										
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Epipsamulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring	X										
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Xenochironomus scopula Townes

	Source	8										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous	X										
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal	X										
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter											
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V	X										
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Xenochironomus taenionotus Say

	Source	1										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X										
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous	X										
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous	X										
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic	X										
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											Burrows in the clay banks of streams.
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring	X										
	Summer	X										
	Autumn	X										
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI	X										
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: **Xenochironomus xenolabis Kieffer**

	Source	1	12									Concensus & Notes
Stage	Eggs											
	Larvae	X	X									
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent	X	X									
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X									
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous	X										
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous	X	X									
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal		X									
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal	X										
Turbid.	Eulichotophilous											
	Mesolichtophilous	X										
	Polylichtophilous		X									
	Oligolichtophilous											
Current	Limnobiontic		X									
	Limnophilous											
	Indifferent											
	Rheophilous	X										
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake	X	X									
	Pond											
	River	X										
	Stream	X										
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic	X	X									Inhabits freshwater sponges.
	Epiphytic											
	Attached											
	Unattached	X	X									
Emerg.	Winter	X										
	Spring											
	Summer	X	X									
	Autumn	X										
Feeding Behavior	Predator	X										
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III	X										
	Region IV	X										
	Region V											
	Region VI		X									
	Region VII	X										
	Region VIII											
	Region IX											
	Region X											

Taxon: Zavrelia Kieffer

	Source	1	4	2	14							Concensus & Notes
Stage	Eggs											
	Larvae	X	X	X	X							
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous	X			X							
	Neutral		X									
	Alkaliphilous											
	Alkalibiontic											
	Indifferent			X								
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous	X	X	X	X							
	Euryhalinous											
Nutrient	Eutrophic	X			X							
	Mesotrophic	X		X								
	Oligotrophic											
	Dystrophic	X										
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X			X							
O_2	Euoxyphilous											
	Mesoxyphilous	X		X	X							
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal	X		X								
	Eurythermal		X									
Turbid.	Eulichotophilous											
	Mesolichtophilous	X			X							
	Polylichtophilous			X								
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X	X	X	X							
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River	X		X	X							
	Stream	X	X		X							
	Spring											
	Other											
Specific Habitat	Epibenthic	X			X							
	Embenthic											
	Epipelic											
	Epipsammic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic			X	X							
	Attached											
	Unattached	X		X	X							
Emerg.	Winter	X										
	Spring	X		X								
	Summer		X									
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore	X										
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III		X									
	Region IV	X		X	X							
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: Zavrelimyia carneosa Fittkau

	Source	7										Concensus & Notes
Stage	Eggs											
	Larvae	X										
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral	X										
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Edhalobous											
	Mesohalobous											
	Oligohalobous	X										
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic	X										
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic	X										
O_2	Euoxyphilous											
	Mesoxyphilous	X										
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal	X										
	Stenothermal	X										
	Metathermal											
	Eurythermal											
Turbid.	Eulichotophilous	X										
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic	X										
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream	X										
	Spring	X										
	Other											
Specific Habitat	Epibenthic	X										
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached	X										
Emerg.	Winter	X										
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV	X										
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: ______________________________

		Source										Concensus & Notes
Stage	Eggs											
	Larvae											
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous											
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached											
Emerg.	Winter											
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon:____

		Source										Concensus & Notes
Stage	Eggs											
	Larvae											
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous											
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached											
Emerg.	Winter											
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: ____

		Source										Concensus & Notes
Stage	Eggs											
	Larvae											
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous											
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Eudxyphilous											
	Mesoxyphilous											
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached											
Emerg.	Winter											
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: ______________________________

	Source											Concensus & Notes
Stage	Eggs											
	Larvae											
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous											
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Epipsabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached											
Emerg.	Winter											
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											

Taxon: ______________________________

	Source											Concensus & Notes
Stage	Eggs											
	Larvae											
	Pupae											
	Adults											
pH	Acidobiontic											
	Acidophilous											
	Neutral											
	Alkaliphilous											
	Alkalibiontic											
	Indifferent											
Salinity	Polyhalobous											
	Euhalobous											
	Mesohalobous											
	Oligohalobous											
	Euryhalinous											
Nutrient	Eutrophic											
	Mesotrophic											
	Oligotrophic											
	Dystrophic											
Organic	Saprophilic											
	Facultative											
	Saproxenous											
	Saprophobic											
O_2	Euoxyphilous											
	Mesoxyphilous											
	Oligoxyphilous											
	Anoxyphilous											
Temp.	Euthermal											
	Mesothermal											
	Oligothermal											
	Stenothermal											
	Metathermal											
	Eurythermal											
Turbid.	Eulichotophilous											
	Mesolichtophilous											
	Polylichtophilous											
	Oligolichtophilous											
Current	Limnobiontic											
	Limnophilous											
	Indifferent											
	Rheophilous											
	Rheobiontic											
General Habitat	Marine											
	Estuary											
	Lake											
	Pond											
	River											
	Stream											
	Spring											
	Other											
Specific Habitat	Epibenthic											
	Embenthic											
	Epipelic											
	Episabulic											
	Epilithic											
	Epixylous											
	Epizooic											
	Epiphytic											
	Attached											
	Unattached											
Emerg.	Winter											
	Spring											
	Summer											
	Autumn											
Feeding Behavior	Predator											
	Herbivore											
	Omnivore											
	Scavenger											
Geographical Distribution	Region I											
	Region II											
	Region III											
	Region IV											
	Region V											
	Region VI											
	Region VII											
	Region VIII											
	Region IX											
	Region X											